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1918/19

BULLETIN OF  
PARSONS COLLEGE

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JUN 2 - 1919

THE CATALOGUE  
1918-1919

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UNIVERSITY OF ILLINOIS



Series XIX

March 1919

No. 1



*ANNUAL CATALOGUE*

of

# Parsons College

For the College Year  
1918-1919

With Announcements for 1919-1920



FAIRFIELD, IOWA  
PUBLISHED BY THE COLLEGE  
1919

## Founder's Thought

“**H**AVING long been of the opinion that for the usefulness, prosperity and happiness of children, a good moral and intellectual or business education, with moderate means, was far better than large, unlimited wealth, . . . and having long been convinced that the future welfare of our country, the permanence of its institutions, the progress of our divine religion, and an enlightened Christianity, greatly depended upon the general diffusion of education under correct moral and religious influence, and having during my lifetime used, to some small extent, the means given me by my Creator in accordance with these convictions, and being desirous of still endowing objects so worthy as far as in my power lies, I do therefore, . . . give and bequeath the residue of my estate . . . to my said executors and the survivors or survivor of them, in trust, to be by them used and expended in forwarding and endowing an institution of learning in the State of Iowa.”

LEWIS B. PARSONS.



## 1919

JANUARY						
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# College Calendar

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1919

## January

6. Monday. 8:00 a. m.—Instruction resumed in all departments.  
27–28. Monday to Thursday.—Mid-Year Examinations.

## February

3. Monday. 8:00 a. m.—Registration.  
All students are required to register before 5 p. m., an extra fee of one dollar being charged for later registration.  
4. Tuesday. 8:00 a. m.—Instruction resumed.  
13. Thursday.—Day of Prayer for Colleges.  
22. Saturday.—Washington's Birthday Party.  
24. Monday.—Founder's Day.  
Mid-Year Meeting of Trustees.

## March

3. Monday.—Examinations for removal of First Semester conditions.

## May-June

1. Thursday—Last day for submitting Senior Theses.  
20. Tuesday—Senior Vacation begins.  
28–2. Wednesday to Monday, inclusive—Final Examinations.

## June

1. Sunday—Baccalaureate Service. Barhydt Memorial Chapel.  
3. Tuesday—Annual Meeting of the Board of Trustees.  
4. Wednesday—Alumni Day.  
5. Thursday—Forty-fourth Annual Commencement.

## September

15. Monday—Examinations for removal of conditions.

16. Tuesday—First Semester begins  
       8:00 a. m.—Registration of all students.  
           All students are required to register  
           before 5 p. m. of Tuesday, an extra  
           fee of one dollar being charged for  
           later registration.  
       3:00 p. m.—Opening Address. Barhydt Memorial  
           Chapel.  
       8:00 p. m.—Mass Meeting. Alumni Gymnasium.
17. Wednesday—8:00 a. m.—Instruction begins in all depart-  
       ments.

### November

14. Friday—Final day for submitting subjects for Senior Theses.  
 27. Thursday—Thanksgiving Day. Holiday.

### December

19. Friday—Winter Recess Begins.

## 1920

### January

5. Monday—8:00 a. m.—Instruction resumed in all departments.  
 26-29. Monday to Thursday—Mid-Year Examinations.

### February

2. Monday—8:00 a. m.—Registration.  
       All students are required to register before 6. p. m., an extra  
       fee of one dollar being charged for later registration.
3. Tuesday—8:00 a. m.—Instruction resumed.
10. Tuesday—Mid-Year Meeting of Trustees.
12. Thursday—Day of Prayer for Colleges.
21. Saturday—Washington's Birthday Party.
24. Tuesday—Founder's Day.

### March

1. Monday—Examinations for removal of First Semester con-  
       ditions.

### April

2. Friday—Spring Vacation begins.  
 12. Monday—Instruction resumed.

### **May**

3. Thursday—Last day for submitting Senior Theses.

### **June**

- 2-7. Wednesday to Monday—Final Examinations.
6. Sunday—Baccalaureate Service. Barhydt Memorial Chapel.
8. Tuesday—Annual Meeting of the Board of Trustees.
9. Wednesday—Alumni Day.
10. Thursday—Forty-fifth Annual Commencement.

## Board of Trustees

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	Charles Carter, M. S. ....	Fairfield, Iowa
<b>RETIRE</b>	Rev. Archibald Cardle, D. D. ....	Burlington, Iowa
<b>1919</b>	Winfield Smouse .....	Washington, Iowa
	Rev. R. A. Montgomery, D. D. ....	Fairfield, Iowa
	George W. Richardson .....	Clarinda Iowa
	Rev. H. A. Mosser, D. D. ....	Fairfield, Iowa
<b>RETIRE</b>	Rev. C. L. Zorbaugh, D. D. ....	Cleveland, Ohio
<b>1920</b>	Chas. W. Wade .....	Fairfield, Iowa
	John C. Thorne .....	Fairfield, Iowa
	Rollin J. Wilson, Esq. ....	Fairfield, Iowa
	L. O. Gaines .....	Fairfield, Iowa
	Frederick D. Mason, LL. D. ....	Fairfield, Iowa
<b>RETIRE</b>	William Carden .....	Winfield, Iowa
<b>1921</b>	Charles L. Parsons .....	Boulder, Colo.
	Rev. Willis E. Parsons, D. D. ....	Fairfield, Iowa
	W. G. Ross, Litt. D. ....	Fairfield, Iowa
	Rev. LeRoy Coffman, D. D. ....	Davenport, Iowa
<b>RETIRE</b>	Samuel C. Irving, LL. D. ....	Chicago, Ill.
<b>1922</b>	Hon. Charles D. Leggett .....	Fairfield, Iowa
	John M. Lyon .....	LaHarpe, Ill.
	Miss Julia E. Parsons .....	Boulder, Colo.
	William C. Howell, Esq. ....	Keokuk, Iowa
<b>RETIRE</b>	A. G. Jordan, Esq. ....	Fairfield, Iowa
<b>1923</b>	J. F. Clarke, M. D. ....	Fairfield, Iowa
	Hon. C. J. Fulton, Litt. D. ....	Fairfield, Iowa
	O. F. Fryer .....	Fairfield, Iowa

## OFFICERS OF THE BOARD

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Rev. Archibald Cardle, D. D. ....President  
W. G. Ross, Litt. D. ....Vice President  
Hon. C. J. Fulton .....Secretary  
Frederick D. Mason, LL. D. ....Treasurer and Business Manager

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## EXECUTIVE COMMITTEE

Rev. Archibald Cardle, D. D. ....Chairman  
W. G. Ross, Litt. D. ....Vice Chairman  
John C. Thorne                      A. G. Jordan  
C. W. Wade                      L. O. Gaines

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Frederick D. Mason, LL. D. ....Secretary of Executive Committee

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## FINANCIAL COMMITTEE

A. G. Jordan, Esq.              John C. Thorne              W. G. Ross, Litt. D.

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## VISITORS OF THE BOARD OF TRUSTEES

Archibald Cardle, D. D. ....Burlington, Iowa  
John M. Lyon .....La Harpe, Ill.  
George W. Richardson .....Clarinda, Iowa

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## VISITORS OF THE SYNOD OF IOWA

Rev. H. E. Andrews .....Tipton, Iowa  
Rev. L. M. Coffman, D. D. ....Davenport, Iowa  
Elder E. A. Barrett .....Davenport, Iowa

# Faculty\*

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## THE COLLEGE

RICHMOND AMES MONTGOMERY, D. D., LL. D.

*President on the Thomas D. Foster Foundation of Administration and  
Christian Service.*

A. B., Miami University, 1893; D. D., *ibid.*, 1905; LL. D., Coe  
College, 1918; Parsons College, 1917-. College Campus

HOWARD McDONALD, A. M., Ph. D.

*Dean. Professor of History and Economics.*

A. B., Muskingum College, 1901; A. B., Princeton University,  
1902; A. M., Michigan University, 1914; Ph. D., *ibid.*, 1916; Parsons  
College, 1918-. 300 W. Broadway

\*\*WILLIS EDWARDS PARSONS, D. D.

*Dean of the Lewis B. Parsons, Jr., School of English Bible and  
Christian Service.*

A. B., Olivet College, 1881; D. D. *ibid.*, 1902; President Parsons  
College, 1904-1913. College Campus

\*\*\*WILLIAM ALFRED WIRTZ, A. M., LITT. D.

*Professor of Modern Languages.*

A. B., Cornell College, 1889; A. M. *ibid.*, 1892; Litt. D., Parsons  
College, 1914; Parsons College, 1889-. 908 N. Fourth

RAPHAEL MONROE McKENZIE, Ph. D.

*Professor of Chemistry and Physics.*

B. S., New York University, 1890; M. S., *ibid.*, 1892; Ph. D., Johns  
Hopkins University, 1898; Parsons College, 1903-. College Campus

\*\*\*\*CHARLES CARTER, M. S.

*Registrar. Ringland Professor of Biology.*

B. S., Parsons College, 1894; M. S., *ibid.*, 1897. Parsons College,  
1908-. 404 W. Adams

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\*Arranged, with the exception of the President, the Dean and  
the Dean of the School of English Bible, on the basis of collegiate  
seniority.

\*\*Absent on leave for 1918-1919.

\*\*\*In war work, Great Lakes Training Station.

\*\*\*\*In Red Cross work, Hospitals in England.



EMERY ERNEST WATSON, M. S.

*Hunt Professor of Mathematics. Secretary of Faculty.*

M. Di., Iowa State Teachers' College, 1901; B. S., State University of Iowa, 1905; M. S., *ibid.*, 1905. Parsons College, 1910-.

205 W. Kirkwood

**\*\*AMOS RENO MORRIS, A. M.**

*Professor of the English Language and Literature.*

A. B., Ohio State University, 1907; A. M., *ibid.*, 1912; Parsons College, 1914-.

304 N. Third

JOHN E. WINTER, Ph. D.

*Professor of Philosophy and Education on the Armstrong Foundation.*

A. B., Hope College, 1902; A. B., University of Michigan, 1906; A. M., *ibid.*, 1910; Ph. D., *ibid.*, 1917; Parsons College, 1916-.

College Campus

**\*EMMA LAVINIA KIRK, B. L.**

*Librarian.*

L. B., Ohio Wesleyan University, 1894; Parsons College, 1914-.

Ballard Hall

VAHAN H. VARTANIAN, M. A.

*Acting Professor of English Bible and Christian Service.*

B. A., Anatolia College, 1911; M. A. Columbia University, 1916; Parsons College, 1917-.

College Campus

SUE BAILEY MORE, M. S.

*Professor of Home Economics.*

A. B., Hastings College, 1913; M. S., Iowa State College, 1916; Parsons College, 1917-.

400 W. Stone

CARROLL HOLMAN MAY, Ph. D.

*Levi Parsons Professor of the Latin Language and Literature.*

A. B., Ohio Wesleyan University, 1903; A. M., Harvard University, 1906; Ph. D., *ibid.*, 1913; Parsons College, 1918-.

908 N. Fourth

**\*CHRISTINE HUME, A. M.**

*Dean of Women. Acting Professor of the English Language and Literature.*

A. B., Monmouth College, 1911; A. M., Columbia University, 1918.

LOUIS J. BOURDON

*Acting Professor of Modern Languages.*

Brevet, Normal School, Bordeaux, France; Rhetoric, Lycee de Bordeaux; Parsons College, 1918-.

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\*Resigned.

\*\*War Work in France.



ALFRED W. JONES, M. S.

*Acting Professor of Biology.*

B. S., Kansas Wesleyan University, 1895; M. S., *ibid*, 1897;  
Parsons College, 1918-. 107 W. Lowe

ELIZABETH CARROLL JOHNSON, Ph. B.

*Instructor in English.*

Ph. B., State University of Iowa, 1901; Parsons College, 1918-.

ELIAS FREMONT SCHALL, A. B.

*Instructor in Chemistry and English.*

A. B., State University of Iowa, 1907; Parsons College, 1918-.  
301 W. Kirkwood

ELSIE ZICHY BOIES, A. B.

*Instructor in Public Speaking and Physical Education.*

A. B., Parsons College, 1909; Parsons College, 1918-.  
301 W. Kirkwood

GEORGE RAYMOND YOUNT, Ph. B.

*Instructor in Physical Education.*

Ph. B., Parsons College, 1915; Parsons College, 1917-.  
605 North B

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## THE CONSERVATORY

\*JAMES POLLOCK MOORHEAD

*Director of the Conservatory of Music. Professor of Piano and Organ.*

Graduate Parsons College Conservatory of Music, 1897; Graduate New England Conservatory of Music, 1901; Pupil of Schirner (Leipzig) 1903-4. Parsons College Conservatory of Music, 1904-.  
303 W. Madison

\*\*CHARLES WESLEY MOUNTAIN

*Professor of Voice, Theory and Public School Methods.*

Graduate Moody Institute, 1912; Graduate Northwestern University School of Music, 1914. Parsons College Conservatory of Music, 1914-.  
205 N. Fifth

MRS. MERTIE POOLER MERCER

*Instructor in Violin and Cello.*

Pupil of Fischer, 1898-1901; Student Chicago Musical College under Listemann, 1901-1903; Parsons College Conservatory of Music, 1915-.  
108 E. Hempstead

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\*Resigned.

\*\*Director Elect.

**IVA SCHEFFEL**

*Instructor in Piano.*

Graduate Parsons College Conservatory of Music, 1914; Parsons College Conservatory of Music, 1915-.

105 W. Adams

**WILBUR EMERSON KEESEY**

*Instructor in Piano.*

Parsons College, 1917-.

Ewing Hall

**HENRIETTA HASTINGS**

*Instructor in Piano.*

Parsons College, 1917-.

Eldon, Iowa

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**TREASURER AND BUSINESS MANAGER**

**FREDERICK D. MASON**

College Office

**FINANCIAL SECRETARY**

**H. E. SWEITZER**

College Office

**FIELD REPRESENTATIVE**

**REV. JUDSON L. UNDERWOOD**

College Office

**SUPERVISOR OF BALLARD HALL**

**JOYCE ETHLEAN THALGOTT**

Ballard Hall

**CUSTODIAN OF BUILDINGS**

**JAMES TURNER**

College Campus

**ENGINEER**

**WILLIAM TURNER**

807 North Main

## OFFICERS OF ADMINISTRATION

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Richmond Ames Montgomery .....	President
Howard McDonald .....	Dean
*Christine Hume .....	Dean of Women
Emery E. Watson .....	Secretary of the Faculty
*Emma L. Kirk .....	Librarian
Frederick D. Mason .....	Treasurer

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## CLASS OFFICERS

Seniors .....	Professor McKenzie
Juniors .....	Professor Carter
Sophomores .....	Professor Morris
Freshmen .....	Professor Watson

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\*Resigned.

## STANDING COMMITTEES OF THE FACULTY

1918-1919

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The President is Chairman ex-officio of all Committees

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Admission—McDonald, Watson.

Appointments—Winter.

Athletics—May, Yount, Mason.

Catalogue—McDonald, Watson.

Curriculum—Watson, McDonald, May, Winter.

Honorary Degrees—McKenzie, More, Winter.

Library—Kirk, Jones, May.

Public Exercises—McDonald.

Religious Life—Vartanian, McKenzie, Winter.

Scholarships—Montgomery.

Social Functions—Hume, McDonald.

Lecture Course—Winter, May, Mountain.

Societies—May, Watson.

# Historical

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## SKETCH

Parsons College stands as a concrete expression of the desire of a Christian business man, Lewis B. Parsons. The wish of its honored founder was to make possible an education under Christian influences for the youth of Iowa. Dying twenty years before the College was begun he could only devise and make known his wishes.

At the earliest possible date the sons of Mr. Parsons, who were his executors, sought to carry out the wish of their father. After careful consideration it was decided to accept the offer of a site from Fairfield, and the College was founded February twenty-fourth, 1875.

The following September the school was opened as an institution of college rank under the care of the Presbyterians of Iowa. Young men and women were admitted on equal terms.

The first class was graduated in 1880, and numbered sixteen. The alumni now number five hundred and thirty-one. Of these, two hundred and eighty-two have been men and two hundred and forty-nine have been women.

On the night of August nineteenth, 1902, Ankeny Hall, the main building, was totally destroyed by fire. This meant the loss of everything material so far as that constitutes a college and it looked dark for the future. But out of this loss there has arisen a new and greater Parsons. In the place of one building of the early days there are now thirteen, and instead of the three members of the first Faculty there are twenty-three, thus enlarging the scope of the work and assuring the future.

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## PRESIDENTS OF PARSONS COLLEGE

Rev. John Armstrong, D. D.....	1877-1879
Rev. E. J. Gillette, D. D.....	1879-1880
Rev. T. D. Ewing, D. D.....	1880-1889
Rev. Ambrose C. Smith, D. D.....	1889-1896
Rev. Daniel E. Jenkins, D. D., Ph. D.....	1896-1900
Rev. Frederick William Hinitt, D. D., Ph. D.....	1900-1904
Rev. Willis Edwards Parsons, D. D.....	1904-1913
Lowell Mason McAfee, LL. D.....	1913-1916
Rev. Richmond Ames Montgomery, D. D., LL. D.....	1917-

## CHRONOLOGY

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The Lewis B. Parsons Will Executed.....	December, 1855
Citizens of Fairfield organized to secure the Parsons Endowment Fund .....	November 24, 1874
Articles of Incorporation signed.....	February 24, 1875
College opened in the Bernhart Henn residence....	September 8, 1875
Rev. Alex. G. Wilson, A. M., began three years' service as Rector of the Academy .....	1875
Rev. John Armstrong began two years' service as Financial Agent and Professor of Morals .....	1875
Alethean Society organized .....	October 5, 1875
Aldine Society organized .....	October 15, 1875
First College Building and Chapel occupied.....	January, 1876
Department of Music opened.....	September, 1879
Orio Society organized .....	1879
First Class graduated .....	June 16, 1880
First edition of The Portfolio.....	December, 1881
Armstrong Professorship founded .....	1882
Corner Stone of New College laid .....	June 2, 1882
Ringland Professorship founded .....	1882
Elzevir Society organized .....	January 19, 1883
Hunt Professorship founded .....	1883
Levi Parsons Professorship founded .....	1892
Ankeney Hall completed .....	January, 1893
Skinner Professorship founded .....	1898
Corner Stone of Ballard Hall laid .....	April 8, 1901
Ankeney Hall destroyed by fire .....	August 19, 1902
Foster Hall opened .....	September 22, 1903
Fairfield Hall opened .....	September 22, 1903
Empyrean Society organized .....	November 19, 1903
Martha Pettus Parsons Professorship founded .....	1907
Alumni Field dedicated .....	June 5, 1907
Library dedicated .....	June 5, 1907
Trustee Gymnasium dedicated .....	June 8, 1909
Corner Stone of Barhydt Memorial Chapel laid .....	June 8, 1910
Dedication of Barhydt Chapel .....	October 18, 1911
President's Home rechristened "Ewing Hall" and made headquarters for the Conservatory .....	June 12, 1912
Dedication of the Lewis B. Parsons, Jr., Bible School Building .....	October 13, 1915

Aristo Society organized .....	October 11, 1916
Delphic Society organized .....	October 17, 1916
Unit of Student Army Training Corps placed.....	September 1, 1918
Unit Inducted into Service .....	October 1, 1918
Unit Demobilized .....	December 15, 1918



## Buildings and Equipment

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**THE CAMPUS** on which the college buildings are located is one of the most beautiful in the central west. It is located nine blocks north of the city square, between North Main and North Fourth streets. A few acres lie west of Fourth street; but between the boundaries mentioned are thirty-five acres of rolling wooded landscape. Hickory, elm and maple prevail. At the southeast corner of the campus is the Alumni Athletic field. There is a natural amphitheater formation to the southwest, west and northwest of the field and track. In this field all athletic events at Parsons take place. The "gym" is located at the southwest corner of the field. It is the frequent comment of visitors to Parsons College that the campus and buildings are unsurpassed for beauty of situation in the middle west.

**FAIRFIELD HALL**—(51x90 feet), so named in recognition of the generosity of the citizens of Fairfield in contributing to the building fund, is constructed of pressed brick, trimmed with white brick and stone, and provides commodious quarters for the literary work of the College department. It contains well-lighted class rooms, an assembly room with a seating capacity of seventy-five, offices, cloak rooms fitted with lockers, and rooms for the literary societies of the college. The President's, the Treasurer's and general administration offices are located in this building.

The furniture of the class rooms is all of the most approved kind, consisting of tablet chairs fitted with iron pedestals firmly fastened to the floor, excellent blackboards, and special maps as required by the different departments. The latest type of Bausch & Lomb Balopticon for both lantern and opaque projection is a recent addition.

This building was presented to the government for use as a barracks during the location of the S. A. T. C. unit at this institution. It was accepted by the government and became the residence of the young men who were enlisted in the government's service. Upon the demobilization of the unit the building was again taken over by the College and thoroughly cleaned and redecorated throughout.



**FOSTER HALL** (69x112 feet), the home of the science department, so named in recognition of the generous gift of the late T. D. Foster, of Ottumwa, toward the building fund, is most complete in all its appointments.

The Department of Chemistry occupies the greater part of the third floor. There is provided on the south side of the building a room for the department library, the private laboratory of the professor, and the lecture room. The lecture room seats seventy pupils and is furnished with rows of opera chairs each row raised above the one in front so that the lecture table may be seen by all students. The lecture table is provided with gas, pneumatic trough, running water, and a suction to carry away any gases which might escape during the experiments. Back of the lecture table is a hood and blackboard with charts for illustrating the lectures.

Adjoining the lecture room on the north are the supply room and the weighing room, where the balances for the students doing quantitative work are kept.

The three laboratories are situated on the north side of the building, and provide ample room and the best equipment for work in chemistry. The laboratory for general experimental work and for qualitative analysis is in the middle of the building. It has desk room for thirty-six students; each desk is provided with a sink, running water, gas, etc. There are also a large number of hoods where noxious gases are carried away from the laboratory. At each end of the general laboratory, separated from it by glass partitions, is a smaller laboratory, each having desks for twenty-four students. One of these laboratories is used by the students in quantitative analysis, and the other by students engaged in chemical preparations, both in organic and inorganic chemistry. Each student is provided with a locker in the hall, and in every way the arrangements are as complete as possible.

The Biological Department, occupying the second floor, has large and light laboratories. The principal one of these is that for the use of the class in general biology. This room is at the east end of the building and has accommodations for thirty pupils. It is splendidly lighted by ten large windows. Tables at which two pupils can work are so placed that the light for microscopes cannot be obscured. There are gas connections for each table, and a full set of preserving and staining reagents is provided for each pupil.

The microscopes are Bausch & Lomb's B. 11, equipped with 2-3 and 1-6 objectives and Nos. 1 and 2 oculars.

The lecture room is in the southwest corner. It is seated with tablet-arm opera chairs. There is a demonstration desk with gas and water attachments for lecture purposes, and a complete projection apparatus has been installed. The department library adjoins the lecture room and is amply furnished with reading tables, chairs, etc.

At the south end is the laboratory for animal morphology, in which provision is made for work in dissection, injection, and all work of like nature. The laboratories for histology, bacteriology, and physiology occupy the north side of the building, and there are also rooms for incubators and for photographic work.

The biological and geological specimens are placed in museum cases that are built around the large entrance hall.

**The Physical Department** occupies the greater part of the first floor of Foster Hall. The west end of the floor is occupied by the electrical laboratory and the general physical laboratory, which accommodates twenty-five students. Adjoining the physical laboratory is the optical laboratory. This can be made perfectly dark, and is provided with gas and electric lights as well as direct electric current for photometric measurements.

The engine room and metal workshop adjoin the electrical laboratory, supplying power to the latter. At the east end of the building are the carpenter shop and the physical lecture room which seats seventy students. The lecture table is provided with gas, sink, water and a direct electric current of from 2-35 volts and up to 20 amperes. The room is also provided with opaque shades, screen, and projection lantern. Opening from this is the physical apparatus room, which is fitted with glass cases for the apparatus.

The equipment is new and complete, including such pieces as balances, cathetometers, dynamos for direct and alternating current, storage batteries, standard meters, transformers, spectroscopes, etc.

**The Department of Home Economics** is located in this hall on the third floor and is fully equipped with laboratory, kitchen utensils and sewing outfits for the use of students in this department.

**LIBRARY** (35x90 feet). This building, the gift of Andrew Carnegie and the late Thomas D. Foster, is constructed of wine-colored

brick with Bedford stone trimmings and tile roof. The interior is beautifully finished in Flemish oak, with furniture to correspond. The fire-proof stack room has ample capacity for 25,000 volumes. The remainder of the first floor is given over to the general reading room, the Librarian's room, and the reference alcove. The second floor contains a suite of offices, a large room for Faculty and Board meetings, and fire-proof vault.

The basement also contains a fire-proof stack room and a large, well-lighted room suitable for the storage of books and periodicals.

This part of the equipment of Parsons has had a steady growth during the past seven years. With but three volumes left by the fire of August, 1902, it has increased to over 15,000 usable and used books, exclusive of government documents and several hundred pamphlets. In the autumn of 1918, Mrs. Philo C. Hildreth presented the private library of her husband, the lamented Professor Philo C. Hildreth, A. M. This gift enriched the collection in history and political science by more than 1,200 volumes, which represent the wise and discriminating judgment of the beloved Prof. Hildreth working through many years in the fields of History and Economics. Accessions are made to meet the needs of each department. Effort is being made to increase the efficiency of the reference department.

**BARHYDT MEMORIAL CHAPEL.** This building, one of the latest additions to our equipment and the most beautiful building on the campus, was erected in 1911 by the late Mr. Theodore W. Barhydt in memory of his father, Nicholas Barhydt, and his mother, Phoebe Headley Barhydt. It is constructed of Bedford and Eddyville stone. A pleasing contrast in color is afforded by the roof, which is of green tile. The extreme length of the building, including the nave and apse, is one hundred and seventeen feet; the length of the transept is sixty feet. The tower, built in Norman style, is fifty-five feet high.

The interior finish of oak and hard pine is done in early English style, the walls being tinted to harmonize with the natural color of the wood. The large windows of the transept are twenty-four feet high and twelve feet in width. They have been designed by skilled artists and are constructed of the finest art glass. Figures symbolical of Victory are worked into the north window, and in the

south window is a representation of the Rich Young Ruler which is intended to be representative of human choices.

The main body of the building comfortably seats five hundred and fifty people. A small balcony at the rear has a seating capacity of fifty. The rostrum, elevated three feet above the main floor, is furnished with a handsome pulpit and seventeen especially designed seats for the faculty. On a rising grade to the rear of the rostrum are fifty choir seats. A new three manual pipe organ of the latest type occupies the apse of the Chapel. It possesses great range of tonal power and was especially constructed for the instruction of students in pipe organ as well as for the Chapel services. This splendid instrument, erected in the fall of 1913, is also the gift of Mr. Barhydt and fittingly completes the beautiful building of which the College is justly proud.

**BIBLE SCHOOL BUILDING.** Adjoining Barhydt Memorial Chapel on the north is the new Bible School Building which is the home of "The Lewis B. Parsons, Jr., School of English Bible and Christian Service." This is a gift of the son and daughter of General Lewis B. Parsons and is a memorial to him. Like the Chapel, with which it is connected by a cloister, it is constructed of Eddyville limestone, with Bedford stone trimmings and green tile roof. The first floor contains a handsome entrance hall, two large class rooms, a library and a suite of offices. On the second floor is a museum and a Parsons Memorial Room. Complete equipment for Biblical study such as books, charts and apparatus is provided. The building was erected in definite recognition of the increasing demand for religious education and an equipment adequate to meet this demand.

**BALLARD HALL,** the young ladies' dormitory, is designed in a modernized colonial style. It is a three-story building constructed of vitrified brick with light trimming.

The interior is arranged on a novel plan. The dining room is a semi-basement apartment not below the outside ground level. The parlor floor is elevated about four feet above the dining room floor, and is connected by open screen-work and free columns with a mezzanine story containing a large hall, the dean's office, the housekeeper's rooms, and four other rooms. One end of this hall terminates in a large art glass window, opening upon a semi-cir-



cular balcony. The other terminates in an interior bay window effect, with seat, partition and screen.

The parlor occupies the entire west half of the building on this floor. This large room is designed with four free columns, dividing the room into three sections. Four partitions the height of the wainscoting make two cosy corners out of this central section. Across the end of one of these sections is a large brick fireplace which offers opportunity for a cheery fire on a winter's evening about which students gather for fellowship. In the summer of 1918, the entire building was remodeled and redecorated throughout.

The second story is divided into ten apartments besides a large toilet, bath and wash room. Each apartment provides study and bed room for two girls. Each girl is provided with closet wardrobe, three-quarter bed, with the latest and best spring and mattress, dresser and chairs. The rooms are provided with gas and electricity for lighting purposes, and are heated with steam from the central plant.

The third floor has the same equipment as the second.

**EWING HALL.** Formerly the residence of the president, is a building, of brick construction, adapted to the use of the Conservatory whose studios occupy the lower floor. This arrangement provides excellent facilities for the study of music. The upper floor furnishes a dormitory annex for those young women who have been unable to secure rooms in Ballard Hall. Its close proximity to the latter renders it especially convenient in going to and from meals. It is heated by steam from the central plant as is Ballard Hall, and each room is provided with three-quarter bed for each girl the same as at Ballard Hall.

**TRUSTEE GYMNASIUM.** (98x70 feet). This building is known as Trustee Gymnasium in recognition of the generous contributions of the Board of Trustees. The architecture is Romanesque, special attention being given to the treatment of the outside walls, which present a very artistic appearance. The exterior of the wall has a dry-pressed, chocolate-colored face brick, relieved by profuse Bedford stone trimmings and galvanized iron cornices. The roof is slate and composition.

A solid brick wall divides the basement floor into two compartments, one for men and one for women. Each compartment is

provided with a measuring room, locker rooms, and eleven shower baths. In order to insure the best sanitary conditions, special care has been taken to secure well ventilated lockers, a good cement floor, and perfect plumbing and drainage.

The main floor of the building contains two office rooms, an apparatus room, and the large exercise and drill hall. The roof being supported by trusses, this hall presents a free floor space ninety-five feet long and fifty feet wide. The floor is hard maple. Nine feet above the floor on the exterior wall is a running track. On a level with the track and above the offices are two trophy rooms. A special feature of the main floor is a stage, raised above the level of the floor and built above the rear porch of the building. At the front of the stage is a proscenium arch. At the side of the main entrance is a room equipped with cupboards and sinks. These arrangements make it possible to use the room for banquets and entertainments, and as an auditorium. By using the track as a gallery one thousand people can be seated in view of the stage.

The interior wood finish of the building is natural oak. The interior walls are of white brick, with a chocolate-colored brick wainscoting.

**PROFESSORS' HOUSES.** On the campus are two brick houses with all modern improvements. These houses, erected by the College, are occupied by two of the professors and their families. Immediately adjoining the campus are two modern residences which are owned by the College and occupied by two of the professors.

**GATEWAYS.** In addition to the handsome Third street entrance to the Campus, the gift of the Woman's Auxiliary, a stone gateway has recently been erected at the northwestern entrance on Fourth street. It is given by the class of 1909 and conforms to the material and architecture of the Chapel and the Bible School Building. Stone columns are used, the center one bearing a wrought iron lantern. Between the columns there are stone or cement seats.

**TELESCOPE.** In October, 1916, the Executive Committee of the Board of Trustees authorized the placing of an order for a telescope having a nine-inch object glass. It will be installed as soon as it is finished. The instrument will be equipped with the latest and best devices which make for efficiency, being one of the

largest telescopes in the state, and will serve admirably for class work in the study of the sun, moon, planets, nebulae, stars, star clusters, or for research.

**CENTRAL HEATING PLANT.** All College buildings, except the residences of the professors, are heated from the central plant. It provides space for two boilers of one hundred and twenty-five horse-power each. Besides the boiler room and coal bins, the plant contains two rooms for the use of janitors.

## **General Information**

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### **Aim**

As seen in the introductory historical statements, the aim of the College is to afford students of both sexes the advantages of a liberal education in the Arts, Sciences and Philosophy. Its courses of study and methods of instruction are adapted to secure accurate scholarship and thorough discipline. It aims not only to fit its students for professional study and practical life, but also to form the character by a broad Christian culture. This it seeks to attain by direct Biblical instruction in the class room and by the Christian spirit which pervades all the work of the College.

### **Location**

The city of Fairfield is one of the most delightful in the state. It is situated at the intersection of the main line to Denver of the Chicago, Burlington & Quincy Railroad and the Chicago, Rock Island and Pacific Railroad's line to Kansas City and the southwest, and is, therefore, easy of access from all points. The place is healthful, the society congenial, cultured and Christian. Many families have removed to Fairfield to secure for their children the advantages of the College, a plan which it is believed others may follow to their advantage.

### **The College Library**

It is the aim of the Faculty to keep this distinctly a reference library. New books are purchased to increase the efficiency of the various departments of the College. In addition to the main library, there are two specialized science libraries in Foster Hall for the greater convenience of students in biology and chemistry.

The State Traveling Library also loans collections of books which may be changed as need arises. The college possesses exchange privileges with the Fairfield City Library, which is a depository for government documents and therefore offers facilities for research work in certain lines. It also receives loans from the Iowa Library Commission and from various state libraries.

The students have access to all reference books and the privi-



lege of drawing books during the hours of the recitation days and two evenings a week. The use of the library is also extended freely to all graduates, clergymen, teachers in the vicinity of the College and to such others as comply with the necessary conditions.

From time to time picture exhibits are held in the reading rooms, and to these the public is cordially invited.

Every effort is made to have the library properly supplement the work of the class room.

Two contributions have been made the College the past year from private collections which are located at the Bible building. Mrs. Henry Dunning presented the Library of her husband, the lamented pastor of the Presbyterian church at Albany, N. Y. The Rev. Harry Burton Boyd also made a valuable contribution from his private collection. These additions to the Library of Parsons are especially valuable to students for the Ministry.

### **Fairfield Free Public Library**

This library offers excellent facilities, free of expense, to the students of Parsons College. It contains a valuable collection of 27,500 bound volumes including government documents. Its museum contains about 20,000 specimens, and is especially rich in the department of zoology and ethnology. Additions are continually being made both to the library and museum.

Through the munificence of Mr. Andrew Carnegie, a fire-proof building, complete in all its appointments and a model of architectural beauty, was erected in 1892.

### **Religious Exercises**

Daily religious services, at which all students are required to be present, are held in Barhydt Memorial Chapel, under the direction of the Faculty.

Every student is required to select some church in the city, and to attend its services at least once on the Sabbath. Students are also expected to attend the Vesper services held in the College Chapel on Sabbath afternoon.

### **Religious Organizations**

There are two College Christian Associations, one for the young men and the other for the young women. Under the direction of the Associations, a large part of the religious work among the students is carried on. They are well organized, and have a

large membership from all classes. The meetings are a very important feature of college life.

### Y. M. C. A.

The Young Men's Christian Association of the College, in addition to the regular weekly prayer-meeting, conducts classes for the systematic study of the Bible and of missions. The student is guided by outlines and text-books published by the International Committee. The Association is annually represented at the Lake Geneva Conference by a number of delegates.

### Y. W. C. A.

The young ladies of the College are annually organized into circles for systematic Bible and mission study. The students are guided in their work by a suitable outline of study chosen from among those recommended by their cabinet. In addition to these meetings, a prayer meeting is held every Wednesday morning.

### Literary Societies

There are four literary societies in the College, conducted by the students under the general regulation of the Inter-Society Committee. This committee is composed of representatives from the Faculty and the different societies of the student body. These societies are the Aldine, Orio, Elzevir, and Empyrean. They present opportunities for improvement in writing, in extemporaneous speaking and in parliamentary practice. Annual prize contests in declamation, debate, oratory, and essay-writing are held in each of these societies. These contests furnish a stimulus to excellence in literary work.

### Physical Training and Athletics

The College authorities encourage all forms of physical exercise and contests of the athletic field and make certain requirements in physical culture classes, under competent instructors. The usual football, basketball, tennis and track team organizations of college life are maintained at Parsons. Competent physical instructors and a coach are employed for the instruction and direction of the young men and women in physical exercise.

Physical examination will be given to all students, both men and women, before required work is scheduled for them.

The enlarged athletic field is fitted with a quarter-mile cinder track, enclosing a gridiron and diamond of the most approved pattern. The College permits and favors intercollegiate athletics. The Committee on Athletics, co-operating with the Director of Athletics, supervises all athletic games and conducts classes in physical training for all students.

### State Teachers' Certificate

On application to the State Examining Board, graduates of Parsons College may receive a five-year first grade certificate, if certain work prescribed by the Board has been included in the course pursued by the applicant. This prescribed work consists of twenty semester hours, as follows: Psychology, six hours; Education, fourteen hours.

### Conduct of Students

The Faculty of the College has passed certain administrative rules which apply to absences, credits, honors, and similar matters. With reference to the general conduct and deportment of students it is the policy of the Faculty not to pass rules; and, with few exceptions, this policy has been strictly followed. Students, when they matriculate, are placed on their honor. They are expected to behave as young gentlemen and young ladies at all times and in all places, to respect the rights and privileges of their instructors and fellow students, and to attend faithfully to their work. Without assigning any specific reasons, the Faculty may at any time dismiss any student whose conduct is in their judgment detrimental to the welfare of the institution.

Smoking on College Campus and in College Buildings is forbidden.

### Recitations, Examinations and Absences

Students will be admitted at any time and assigned to classes for which they may be prepared, but it is very important and desirable that they enter at the beginning of a semester. A fee of one dollar is charged for registration after the first day of the semester.

The closing days of each semester are devoted to examinations on the work of the semester.

Admission to classes is by card. Upon the student's registration and payment of fees, the class cards are issued from the Col-

lege Office direct to the instructors. No student will be enrolled in any class until this card is in the hands of the instructor. An additional card will be issued direct to the student. This is a pass card to all privileges and events to which the payment of college fees entitles the student.

No student will be permitted to drop out of a class without permission from the Dean and the instructor. Violation of this regulation deprives a student of credits made in other classes until all the courses for which he is registered have been satisfactorily completed.

### Credits and Absences

The grade and amount of credit that may be earned in a course is conditioned upon the regular attendance at recitations. When a student is unavoidably absent from class, such absence may be excused for the women by the Dean of Women and for the men by the Dean of the Faculty. The excuse must be presented to the instructor in whose work the absence occurred within one week after re-entering upon the work. Each instructor may then accept or reject the excuse or make further inquiry before accepting or rejecting it.

**Excused Absences.** Each instructor decides how and when the work lost by excused absences may be made up during the semester, but no instructor is compelled to permit lost work to be made up. If, however, more than one-sixth of the work is lost by absences from class it can not be made up.

**Unexcused Absences.** If no excuse is obtained, or if the excuse for the absence is not accepted by the Dean and by the instructor it shall be counted as an unexcused absence and the semester grade shall be reduced proportionately, but the hours of credit shall not be reduced except when the number of unexcused absences exceeds one in a one hour course, two in a two hour course, four in a four hour course, etc. In such instances the credit for the course shall be reduced by one-tenth of one semester hour for each additional absence. For the purposes of this paragraph two excused absences shall count as one unexcused absence.

Unexcused absences on the day or days immediately preceding or following a regular scheduled holiday or recess and all pre

arranged or concerted absences by any considerable number of students shall count double and receive double penalty.

**Chapel Absences.** Students are required to attend chapel. Unavoidable absence may be excused by the Deans. Application for such excuses must be made within one week after re-entering upon class exercises. If the number of unexcused absences exceeds five in one semester the amount of class room credit for the semester shall be reduced by one-half of one semester hour, and by one-tenth of one semester hour for each additional absence.

In administering the above rules, they shall not be so interpreted as to cause loss in grade or in amount of credit, when the absence is due to continued illness or when the absence is granted by faculty action if the work is made up in a manner satisfactory to the instructor.

### Reports and Grades

The record of each student is sent to his father or guardian at the end of each semester, and failure to receive such report should at once be communicated to the Dean of the Faculty. Grades are reported in percentages. Grades below 60 per cent. indicate failure, and no credit is allowed for work so recorded. Grades between 50 and 60 per cent. do not necessarily exclude a student from continuing in the course in which such grades are received. Arrangements for continuing the course and completing the work in arrears may be made, if the instructor considers it advisable. At the option of the instructor, students whose class work averages 95 per cent. may be exempt from the semester examination.

### Honors in All Studies

In order to encourage students to excel in all studies of the College course, the following system of Honors was adopted to become effective at the beginning of the year 1908-09: A student whose average grade for the eight semesters of his or her college course shall not fall below 95 per cent. shall be entitled to receive the Baccalaureate degree **Summa cum laude**. For an average of 93 per cent. and below 95 per cent. the degree is conferred **Magna cum laude**; and for an average of 90 per cent. and below 93 per cent. the degree is conferred **Cum laude**.



### Graduation

A detailed statement of the requirements for graduation is made on another page. A general statement is that the work of the College is a course requiring four years of residence (except for those admitted to advanced standing) leading to the Bachelor's degree in Arts, Science, or Philosophy, according as the student does major work in one or another of these fields. The number of semester hours for graduation will be found to vary in individual cases from 120 to 128.

### Second Degrees

The College confers the degrees of Master of Arts and Master of Science upon graduates who have previously taken a baccalaureate degree in this college. Candidates who wish to be recommended for either of these advanced degrees must pursue an approved course of study equivalent to the work of one year of graduate study in the College, must present a satisfactory thesis, and pass successfully all required examinations. For more detailed information apply to the Dean of the Faculty. The Master's degree is only conferred in recognition of work done in residence.

### Prizes

The following prizes are awarded in the College:

1. The Kellogg Prizes first and second of twenty and ten dollars, respectively, given by Mr. R. D. Kellogg, Kansas City, Missouri, to the two members of the Junior class who shall write and deliver in the best manner an English oration.

2. The Mason Prizes of fifteen and ten dollars, respectively, given by Mr. Fred D. Mason, Fairfield, Iowa, to the two members of the Freshman class who shall write and deliver in the best manner an English oration.

3. The Foster Prize of twenty-five dollars, given by the late T. D. Foster, Ottumwa, Iowa, for excellence in debate.

4. The Horatio Millard Newcomb Prize of fifteen dollars, given by Rev. Ezra B. Newcomb, D. D., Keokuk, Iowa, to that member of the Senior class who shall attain high rank in the Biblical studies of the Junior and Senior years, and who shall present the best essay on some assigned Biblical subject.

5. The Brockman Prize of fifteen dollars, given by Dr. D. C. Brockman, Ottumwa, Iowa, to that member of the Senior class who shall attain high rank in Political Economy, and who shall present the best thesis on some assigned topic on that subject.

6. The Aldine Alumni Endowment Fund Association's Prizes in Oratory, first and second, of fifteen and eight volumes of books, respectively, given by the Association to the two Sophomore members of the Aldine Literary Society who shall excel in an oratorical contest.

7. The Orio Prize in Oratory, a gold medal given by the Orio Literary Society to that one of its Sophomore members who shall excel in oratorical contest.

8. The Elzevir Prize in Oratory, a set of valuable books, given by the Elzevir Literary Society to that one of its Sophomore members who shall excel in an oratorical contest.

9. The Aldine Alumni Endowment Fund Association's Prizes in Debate, first and second, of fifteen and eight volumes of books, respectively, given by this association to the two Freshmen members of the Aldine Literary Society who shall excel in a contest in debate.

10. The Orio Prize in Debate, a gold medal, given by the Orio Literary Society to that one of its Freshman members who shall excell in a contest in debate.

11. The Elzevir Prize in Essay-Writing, a set of valuable books, given by the Elzevir Literary Society to that one of its Freshman members who shall excel in a contest in essay-writing.

12. The Presbyterian Temperance Committee under the control of the General Assembly offers a prize of \$25.00 in gold for the best oration on some phase of the temperance reform. This prize is offered subject to certain conditions which can be ascertained upon application to the Faculty Committee on Debating.

### Expenses

The college year is divided into two semesters. The fees for each semester are as follows:

Tuition .....	\$25.00
Incidental fee .....	15.00
Library and Athletic fee .....	5.00
Total.....	<hr/> \$45.00

A reduction of fifty per cent. from the regular rate of tuition only will be made to the sons and daughters of ministers and missionaries.

The following fees are charged extra to all students taking laboratory work in the subjects named below, in order to cover cost of material used:

Biology, all courses .....	\$4.00 per semester
Chemistry, from .....	\$4.00 to \$7.00 per semester
Physics, all courses .....	\$3.00 per semester
Cooking and Dietetics, each course.....	\$5.00 per semester
Sewing, each course .....	\$2.00 per semester

The tuition for students who have less than twelve hours of recitation per week is as follows, per semester:

One hour a week .....	\$3.00
Two hours a week .....	4.00
Three hours a week .....	6.00
Four hours a week .....	7.75
Five hours a week .....	9.50
Six hours a week .....	11.50
Seven hours a week .....	13.00
Eight hours a week .....	14.00
Nine hours a week .....	16.00
Ten hours a week .....	17.50
Eleven hours a week .....	18.75

Students taking work in excess of seventeen (17) hours per week will be charged \$3.00 for each hour.

The charge for the Incidental Fee to students who have less than full work is as follows, per semester:

For one course .....	\$ 4.00
For two courses .....	7.00
For three or more courses .....	12.00

The payment of the Athletic and Library Fee of \$5.00 per semester is required and entitles each student to all Lecture and Musical numbers of the College Course, to all privileges of the Gymnasium, and free admission to all athletic games. The enrollment card received upon the payment of said fee is the card of admission to all these privileges. This enrollment card entitles



students who take full work to medical examination for gymnasium.

### Registration

Students are required to register in person and not through another and no student is regarded as registered until he has received a receipt from the college treasurer for the semester's bills.

The college office will be open for registration on the **first day** of the first semester and the **first day** of the second semester and students must register during that time or incur a penalty of one dollar for later registration.

In case of absence from work for half a semester, occasioned by sickness or other unavoidable cause, one-half of the tuition for the semester will be refunded. **This applies to tuition only.**

A fee of \$5.00 is required of each student before graduation from College. This is to be paid at the opening of the semester preceding graduation.

Young ladies from a distance are required to take up their residence in Ballard Hall, or at a residence under the direction of the College. The rooms are well furnished with needed articles, save those that are personal. Each student should provide the following articles: A napkin ring; towels; sheets, size three-quarters; pillow slips, size 22x27 inches, and such other bedding as she may wish. If curtains for the windows or rugs for the floors are desired, they should be brought by the student. The matron of the dormitory sees to the washing of sheets and pillow slips, but each student should provide for her personal washing. All personal property should be marked with the owner's name very plainly.

Rooms at Ballard Hall are uniformly good as indicated on page 23. The entire building has been refurnished and redecorated at an expense of eight thousand dollars. Each room has two beds of the latest pattern, with new springs and mattress, dresser, table and chairs, and individual closet room for each girl. The building is heated with steam from the central plant. Difference in the size of the room makes a slight variation in the price. Rooms may be obtained for \$30 and \$32.50 per semester. Young ladies desiring to room alone may do so by engaging the room in the spring before

the opening of school in the autumn, and by the payment of the fee for two.

To all residents of Ballard Hall and Ewing Hall, paying the regular schedule price for rooms, board at Ballard Hall is \$4.00 per week. To all other persons it is \$5.00 per week or 35c per meal.

In case of illness medical attendance for one week will be provided for all students resident at the Hall who have paid the regular college incidental and Athletic-Library fee.

To secure the reservation of a room previous to the opening of a semester, a deposit of five dollars is required.

All dormitory bills must be paid as follows: One-half at the opening of a semester, and the other half at the middle of the semester. No reduction will be made except in case of prolonged sickness. Meals served in rooms will be charged extra at the rate of 35 cents per meal. The young men and others who take their meals at the refectory will be required to pay at the beginning and middle of the semester. Day boarders will be charged \$5.00 per week. No reduction will be made except in case of prolonged illness.

Board for young men, including room, fuel and light, is provided in pleasant homes at prices varying from five to eight dollars per week; board in private families, at five to six dollars per week. Furnished rooms, suitable for two students, can be rented in the town at prices ranging from one to three dollars per week. The Faculty will render assistance when desired, in finding suitable boarding places for students.

Every young person of good moral character, who is bent on gaining a liberal education, and who is willing to make the necessary sacrifice and to practice corresponding economy, will always find sympathy and encouragement in Parsons College.

The annual expenses of a student, traveling expenses not included, need not exceed \$350; and students using economy can reduce the annual expense below the moderate estimate in the following summary:

	Moderate	Liberal
Tuition (including sundry fees) .....	\$90.00	\$100.00
Room .....	50.00	75.00
Board .....	144.00	162.00
Incidentals (including washing, books, etc.) .....	50.00	60.00

## SCHOLARSHIPS

Scholarships are of two classes, as follows: Honor Scholarships and Student Loan and Service Scholarships. A full scholarship in either of these classes covers the fifty-dollar tuition charge, but in no case includes the incidental, athletic, or other fees.

### HONOR SCHOLARSHIPS

#### FRESHMAN HONOR SCHOLARSHIP

Any student graduating with highest rank from any fully accredited High School in Iowa, is entitled to a Scholarship covering tuition charge for one year.

#### HORACE B. SILLIMAN SCHOLARSHIP

Horace B. Silliman, LL. D., of Cohoes, N. Y., through the College Board of the Presbyterian Church, established a scholarship fund of \$1,000, "the annual income of which shall be applied to the tuition of such male students as are members of some evangelical church, as shall be selected by the Faculty of the College, for good scholarship and active Christian influence, with prospects of future usefulness, and under such other conditions as the Faculty shall determine." This scholarship will be awarded in June of each year to a male member of the Junior class on the basis of his work and conduct in the Freshman and Sophomore years.

#### GEORGE LINCOLN SEELEY SCHOLARSHIP

This scholarship of \$1,000, established as a memorial to George Lincoln Seeley, is awarded to the young man in the Senior class who, during the preceding three years at Parsons College, has ranked highest as an all around student.

#### ELIZA MATILDA FOSTER SCHOLARSHIP

This scholarship of \$1,000, a memorial to Eliza Matilda Foster, is awarded to that young woman in the Senior Class who has attained highest rank during the preceding three years in Parsons College.

### STUDENT LOAN AND SERVICE SCHOLARSHIPS

These scholarships are limited in number. Their purpose is to aid needy and worthy students who are able to meet the require-

ments of good scholarship, high personal character, exemplary conduct and habits of economy in the use of both time and money.

A few Loan Scholarships are available for students who sign notes which bear interest after graduation.

Every holder of a Service Scholarship may be called upon to render the College some service. Such service shall receive compensation at the rate of twenty cents per hour to be applied primarily upon college bills.

A full scholarship is fifty dollars a year. The amount assigned to any one student will depend on the need and merit of the applicant and on the amount of funds at the disposal of the Scholarship Committee.

No scholarships are given to students who are conditioned in any subject.

A scholarship, withdrawn because of failure in any study, may be restored after the lapse of half a year, if former deficiencies have been made good and no new ones incurred.

In awarding scholarships preference is given to regular candidates for a degree, and to those who expect to finish their course in Parsons College.

Applications for scholarships must be made on the blank forms provided by the Scholarship Committee.

Students of the College should make out their applications in June or December of each year. Prospective students should file their applications as early as possible, accompanied by the testimonials indicated in the blank forms.

Communications concerning scholarships should be addressed to the President.

The following scholarships have been endowed in whole or in part and are administered as Student Loan and Service scholarships described above:

**The Jonathan Cable Scholarship** (memorial), founded by Sarah E. Cable, Danville, Iowa.

**The John A. Colwell Scholarship**, founded by John A. Colwell, Kittanning, Pennsylvania.

**The John A. Swan Scholarship**, number one, founded by John A. Swan, Morning Sun, Iowa.

**The John A. Swan Scholarship**, number two, founded by John A. Swan, Morning Sun, Iowa.

**The McClure Scholarship**, founded by Mr. and Mrs. I. N. McClure, Mediapolis, Iowa.

**The Ida B. and Ella May King Scholarship** (memorial), founded by Mr. and Mrs. Z. N. King, St. Paul, Minnesota.

**The James G. Wilson Scholarship**, founded by James G. Wilson, Streator, Illinois.

**The Mary Drew Miller Scholarship**, founded by Mary Drew Miller, Carlsbad, New Mexico.

**The Spencer Grennell Scholarship** (memorial), founded by Mrs. Eunice J. Grennell, Keokuk, Iowa.

**The S. Breckenridge Scholarship**, founded by Mr. S. Breckenridge, Pella, Iowa.

**The Henry Corwith Scholarship** (memorial), founded by Messrs. John and Frank Corwith, Chicago, Illinois.

**The D. T. Newcomb Scholarship of \$2,000**, founded by the late Patience V. Newcomb, Davenport, Iowa.

**The Viele Scholarship of \$2,000**, founded by the late Patience V. Newcomb, Davenport, Iowa.

**The Charles O. Parish Scholarship**, founded by Mrs. Jennie O. Parish, Clarinda, Iowa.

**The Ralph E. Lindsay, Sr., Scholarship of \$1,000**, founded by Mrs. Margaret Lindsay, Davenport, Iowa.

**The I. D. Christie Scholarship**, founded by I. D. Christie, Clarinda, Iowa.

**The C. S. Bishop Scholarship**, founded by Dr. C. S. Bishop, Fairfield, Iowa.

**The Sarah Margaret Turney Scholarship**, founded by Sarah M. Turney, Fairfield, Iowa.

**The George J. Oldham Scholarship**, founded by J. H. Stuckey, Harlan Gossic, Henry E. Snyder, George Oldham.

**The Fred W. McClain Scholarship**, founded by Fred W. McClain, Fairfield, Iowa.

**The Chas. Lyon Scholarship**, founded by Charles Lyon, Fairfield, Iowa.

**The Philo Carpenter Hildreth Scholarship**, founded by Persis A. Hildreth, Fairfield, Iowa.

**The John Martin and Frances Caroline Montgomery Scholarship**, founded by R. Ames Montgomery, Fairfield, Iowa.

**The Gaines Scholarship**, founded by L. O. Gaines and F. D. Gaines, Fairfield, Iowa.



**The Joseph R. and Marie E. Dole Scholarship**, founded by M Wilbur Dole, Fairfield, Iowa.

**The Wm. Carden Scholarship**, founded by Wm. Carden, Winfield, Iowa.

**The Centerville Presbyterian Church Scholarship of \$750.00**, founded by C. R. Wooden, Frank S. Payne, J. A. Bradley, Geo. W. Barnett, Harry S. Greenleaf, H. C. and Mary Bean Greenleaf, of Centerville, Iowa.

**The John B. Stever Scholarship of \$2,000.00**, founded by John B. Stever, Fairfield, Iowa.

**Gilbert Brothers Scholarship**, founded by Gilbert Brothers, Fairfield, Iowa.



## Terms of Admission

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Students are admitted to Parsons College by examination at the College or on the presentation of acceptable certificates of work done elsewhere. Those who present certificates are admitted to provisional standing only, the right being reserved to withdraw, at the end of six weeks, credit for any work which the College record of the student shows to have been unsatisfactorily performed. Certificates must show in detail the amount and character of work done in each subject and should be made out on blanks furnished by the College or on those of the North Central Association of Colleges and Secondary Schools.

In estimating preparatory work a unit represents one study pursued not less than 36 weeks with daily recitations. A year of high school work of four studies a day, therefore, equals 4 units and a full high school course should regularly represent 16 units.

For unconditional admission to the Freshman class, 15 units are required. Students may be admitted to conditional Freshman standing who present not less than 14 units.

The specific requirements for admission are arranged in two groups. Every candidate for unconditional admission must offer all the subjects of Group I, amounting to 9 units, and enough from Group II to make up the total of 15 units. The following table shows the contents of the two groups. The ground to be covered in each subject is stated below:

### Group I—Required of All

English .....	3 units
*Foreign Language (all of which must be in one language)....	2 units
Mathematics 1, 2, 3, 4, .....	2 units
History, Civics, Economics .....	1 unit
Science 1, 2 .....	1 unit

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9 units

### Group II—Elective

Any of the subjects described below, not offered by the student under Group I, may be offered as electives to make up the total of

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\*Strongly advised, but not required in 1919-1920.

15 units for admission. Other subjects will be accepted only by special vote of the Faculty.

Students who expect to choose their College Major in a Foreign Language should offer for admission two units of the Foreign Language in which the major is to be chosen. Although classes are maintained for students who are beginning the study of a language, no first year work will be permitted to count toward a major. Students whose preparatory work in Latin has not included both 5-6 and 7-8 will be allowed to enter Freshman Latin on probation if they offer 1-4 with either 5-6 or 7-8.

**English.** 1-6. The requirement in English is in four divisions, for which a total of 3 units is given. (a) Grammar. (b) Reading: The reading of ten books as prescribed by the North Central Association and the careful study of Shakespeare's *Macbeth*, Milton's *Minor Poems*, Burke's *Speech on Conciliation*, Macauley's *Life of Johnson*, or equivalents. (c) Composition: Regular and persistent training in both oral and written composition. (d) Rhetoric: The essential principles of rhetoric studied preferably in connection with the work in composition.

7-8. A fourth year of English may be offered if of acceptable character.

**Mathematics.** Two units required. Maximum four units.

1. Algebra through quadratic equations, required one unit.
2. Plane Geometry. Required, one unit.
3. Solid Geometry. Elective, one-half unit.
4. Advanced Algebra. Elective, one-half unit.
5. Advanced Arithmetic (After Algebra). Elective, one-half unit.
6. Plane Trigonometry. Elective, one-half unit.

**Latin.** 1-2. Latin Lessons, covering the elements of grammar with easy reading and oral practice.

3-4. Caesar and Nepos: Reading of an amount equal to Caesar's *Gallie War*, Books I-IV, freely selected from Caesar's *Gallie War*, Caesar's *Civil War* and Nepos' *Lives*. Review of grammar (Bennett's) and prose composition, preferably of detached sentences designed to present in a systematic way the principal grammatical constructions.

5-6. Cicero and Sallust: An amount of translation not less than the usual six orations of Cicero (four against Catiline, the one

for the Manilian Law, and the one for Archias) freely chosen from Cicero (the orations, letters and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); it must include the orations for the Manilian Law and for Archias. Review of grammar and prose composition.

7-8. Vergil and Ovid: An amount of translation not less than Vergil's *Aeneid*, Book I-VI. This must include Vergil's *Aeneid*, Books I, II and either IV or VI. The rest may be selected from Vergil (*Aeneid*, *Bucolics*, *Georgics*) and Ovid (*Metamorphoses*, *Fasti*, *Tristia*). Prose composition securing a thorough review of the work of previous years.

Note: The pupil should be taught to read the Latin aloud with intelligent expression. Attention should be given especially to translation at sight. Practice in this should begin early and continue through the whole course.

**Greek.** 1-2. Elements of Greek with reading of about thirty pages of connected Greek Prose.

3-4. Reading equivalent to Xenophon's *Anabasis*, Books I-IV, chosen from any of the books of Xenophon's *Anabasis*, or other easy prose authors. Review of grammar and prose compositions.

**French or Spanish.** 1-2. Beginning French or Spanish. Rudiments of grammar, easy exercises, the reading of 200 to 300 pages of graduated text.

3-4. Second year. The reading of 250 to 400 pages of easy stories and works of modern writers, continued drill on essentials of grammar, with exercises, written and oral.

**German.** 1-2. Beginning German: Rudiments of grammar, easy exercises, the reading of 50 to 100 pages of graduated text.

3-4. Second Year German: The reading of 150 to 200 pages of easy stories and plays, continued drill on essentials of grammar.

**History.** 1-2. Ancient History with special reference to the history of Greece and Rome, but including also a study of the other ancient nations, and of the chief events of early mediaeval history down to the time of Charlemagne.

5-6. English History.

7-8. American History, Civil Government, or Economics.

**Physics.** 1-2. Elementary work, consisting of text books, lectures, demonstrations, and laboratory practice. The laboratory

work should constitute not less than one-fourth of the whole course.

**Chemistry.** 1-2. Elementary Chemistry.

**Zoology.** 1-2. Elementary Zoology. Not less than half the time of the class should be spent in laboratory work. If less than 32 weeks with suitable laboratory work is given to the subject it will receive not to exceed  $\frac{1}{2}$  unit.

**Physiology.** 1. Human Physiology.

**Botany.** 1-2. Elementary Botany. Not less than half the time of the class should be spent in laboratory work. If less than 32 weeks with suitable laboratory work is given to the subject it will receive not to exceed  $\frac{1}{2}$  unit.

Commercial Arithmetic .....	one-half unit
Bookkeeping .....	one-half unit
Business Law .....	one-half unit
History of Commerce .....	one-half unit
Commercial Geography .....	one-half unit
Pedagogy .....	one unit
General Science .....	one unit
Physical Geography .....	one unit
Mechanical Drawing .....	one unit
Manual Training .....	one unit
Domestic Science .....	one unit
Public Speaking .....	one unit
Music .....	one unit

The unit in music shall be interpreted as 144 class hours or the equivalent.

# SYNOPSIS OF COURSES

## All Courses

Language—Latin, Greek, French, Spanish, German .....	4 hours
Bible, 1, 2 .....	1 hour
English 1, 2 .....	3 hours
Mathematics 1, 2 .....	4 hours
Science—Biology, Chemistry, or Domestic Science .....	4 hours
Freshman Electives: Language, Education 5, 6, Mechanical Drawing, Science, Music.	

## MAJOR GROUPS

	Ancient Languages	Modern Languages	English
Sophomore	Latin or Greek .....	Modern Language .....	English 3, 4 .....
	Bible 3, 4 .....	Bible 3, 4 .....	Bible 3, 4 .....
Junior	*Psychology or History .....	Psychology or History .....	A Language .....
	Electives: Language, English, Mathematics, Surveying, Education, Psychology, History, Bible, Chemistry, Physics, Biology, Domestic Science, Music, Public Speaking.		Psychology or History .....
Senior	Greek or Latin .....	Modern Language .....	English .....
	Bible 5, 1st Semester .....	Bible 5, 1st Semester .....	Bible 5, 1st Semester .....
Senior	Education 1, 2 .....	Education 1, 2 .....	Education 1, 2 .....
	History or Psychology .....	History or Psychology .....	History or Psychology .....
Senior	Electives: Language, English, Mathematics, Astronomy, Education, Philosophy, History, Economics, Chemistry, Physics, Biology, Geology, Domestic Science, Music, Public Speaking.		
	Greek or Latin .....	Modern Language .....	English .....
Senior	Bible 5, 1st Semester .....	Bible 5, 1st Semester .....	Bible 5, 1st Semester .....
	Education 7, 2d Semester .....	Education 7, 2d Semester .....	Education 7, 2d Semester .....
Senior	Education 3 and 4 .....	Education 3 and 4 .....	Education 3 and 4 .....
	Electives.	Electives.	Electives.
Senior	†Thesis.	†Thesis.	†Thesis.

\*History 21, 22, must be taken by all students in Sophomore or Junior years.

\*Psychology must be taken by all students before end of Junior year.

†Thesis is required in Senior year in department in which Major work is done.

§The synopsis here given is suggestive only. Aside from the fixed requirements elsewhere explained, a large degree of liberty is allowed both in courses and in their arrangement.



## §SYNOPSIS OF COURSES (continued)

Freshman	Language—Latin, Greek, French, Spanish, German .....	4 hours
	Bible, 1, 2 .....	1 hour
	English 1, 2 .....	3 hours
	Mathematics 1, 2 .....	4 hours
	Science—Biology, Chemistry, or Domestic Science .....	4 hours
	Freshman Electives: Language, Education 5, 6, Mechanical Drawing, Science, Music.	

## MAJOR GROUPS

	History and Economics	Mathematics, Physics	Chemistry
Sophomore	History 21, 22 ..... 3 hours	Mathematics 3, 4 ..... 4 hours	Chemistry ..... 4 hours
	A Language ..... 3 hours	A Language ..... 3 hours	A Language ..... 3 hours
	Psychology or History ..... 3 hours	Psychology or History ..... 3 hours	Psychology or History ..... 3 hours
	Bible 3, 4 ..... 2 hours	Bible 3, 4 ..... 2 hours	Bible 3, 4 ..... 2 hours
	Electives: Language, English, Mathematics, Surveying, Education, Psychology, History, Bible, Chemistry, Physics, Biology, Domestic Science, Music, Public Speaking.		
	History or Economics ..... 3 hours	Mathematics or Physics ..... 4 hours	Chemistry ..... 4 hours
	Education 1, 2 ..... 3 hours	Education 1, 2 ..... 3 hours	Education 1, 2 ..... 3 hours
	History or Psychology ..... 3 hours	History or Psychology ..... 3 hours	History or Psychology ..... 3 hours
Junior	Electives: Language, English, Mathematics, Astronomy, Education, Philosophy, History, Economics, Chemistry, Physics, Biology, Geology, Domestic Science, Music, Public Speaking.		
	History or Economics ..... 3 hours	Mathematics or Physics ..... 4 hours	Chemistry ..... 4 hours
	Bible 5, 1st Semester ..... 2 hours	Bible 5, 1st Semester ..... 2 hours	Bible 5, 1st Semester ..... 2 hours
	*Education 3 and 4 ..... 3 hours	Education 3 and 4 ..... 3 hours	Education 3 and 4 ..... 3 hours
	Education 7, 2d Semester ..... 2 hours	Education 7, 2d Semester ..... 2 hours	Education 7, 2d Semester ..... 2 hours
	Electives.	Electives.	Electives.
	Thesis.	Thesis.	Thesis.
Senior			

N. B.—A beginning Language and English 1, 2, may not be counted toward a Major.

§See note on page 45.

\*Education 1, 2, 3, 4, 7 are required for a state certificate but not for graduation.



## SSYNOPSIS OF COURSES (Concluded)

Biology and Bible		Domestic Science	
Language—Latin, Greek, French, Spanish, German ..... 4 hours Bible, 1, 2 ..... 1 hour English 1, 2 ..... 3 hours Mathematics 1, 2 ..... 4 hours Science—Biology, *Chemistry, or Domestic Science ..... 4 hours Freshman Electives: Language, Education 5, 6, Mechanical Drawing, Science, Music.		Domestic Science ..... 4 hours Bible 1, 2 ..... 1 hour English 1, 2 ..... 3 hours Mathematics 1, 2 ..... 4 hours Chemistry 1, 2 ..... 4 hours	
MAJOR GROUPS			
Biology		Bible	
Biology ..... 4 hours Bible 3, 4 ..... 2 hours A Language ..... 3 hours Psychology or History.....3 hours Electives: Language, English, Mathematics, Surveying, Education, Psychology, History, Bible, Chemistry, Physics, Biology, Domestic Science, Music, Public Speaking.		Bible ..... 3 hours Bible 3, 4 ..... 2 hours A Language ..... 3 hours Psychology or History.....3 hours Psychology or History.....3 hours	
Sophomore		Home Economics	
Biology ..... 4 hours Education 1, 2 ..... 3 hours History or Psychology.....3 hours		Foods 3, 4 ..... 4 hours Bible 3, 4 ..... 2 hours A Language ..... 3 hours Psychology or History.....3 hours	
Junior		Language, Philosophy, History, Economics, Chemistry, Physics, Biology, Geology, Domestic Science, Music, Public Speaking.	
Biology ..... 4 hours Education 1, 2 ..... 3 hours History or Psychology.....3 hours		Chemistry 5, 7 ..... 4 hours Education 1, 2 ..... 3 hours History or Psychology.....3 hours Language & Biology 3 or 4 hours	
Senior		Dietetics	
Biology ..... 4 hours Bible 5, 1st Semester.....2 hours Education 7, 2d Semester.....2 hours Education 3 and 4 .....3 hours Electives. Thesis.		Dietetics ..... 3 hours Bible 5, 1st Semester.....2 hours Education 7, 2d Semester.....2 hours Education 3 and 4 .....3 hours Electives. Thesis.	

\*Domestic Science 1, 2 and 3,4 may be taken without taking Chemistry if the student is not majoring in Domestic Science.

§See note on page 45.

\*Domestic Science 1, 2 and 3, 4 may be taken without taking Chemistry if the student is not majoring in Domestic Science.  
 §See note on page 45.

# The College Course

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The subjects of instruction in the College are arranged in the following groups:

I	II	III
Greek	Philosophy	Physics
Latin	English	Chemistry
German	Education	Biology
French	Political Science	Geology
Spanish	Sociology	Mathematics
	History	Astronomy
	Economics	Mech. Drawing
	Bible	Surveying
	Public Speaking	Home Economics

The work a student offers in satisfaction of the requirements for graduation must be chosen from these groups and must be so arranged that within the first two years he shall have taken work in each of these general fields, and before the close of the course he shall have done work of advanced grade in some chosen department. To secure this result the following regulations have been devised:

Each candidate for a bachelor's degree is required to complete a course, consisting of a minimum of 120 semester hours, in addition to physical culture, carrying regularly 15 or 16 hours throughout a course of four years. Less than 12 hours will be allowed only by special vote of the Faculty. Class officers may grant not to exceed 18 hours work to students who receive no grade below 80 the preceding semester, or whose grade would average 85, with not more than one grade below 80, and no grade below 75. Work in excess of 18 hours may be taken only after a special vote of the faculty.

The semester hour consists of one recitation, lecture or laboratory period a week for one semester. Thus, a course which meets three times a week is reckoned three semester hours for a semester,

six a year. Each hour of recitation presupposes two hours of preparation.

The following specific requirements are made of all students:  
Freshman Mathematics.

Freshman English.

Eight hours of Bible during the college course.

One year of History or Economics before the end of the Junior year.

One year of Laboratory Science before the end of Junior year.

One year of Philosophy before the end of Junior year.

Physical Education in Freshman and Sophomore years.

Two years of Foreign Language will be required of all students who present less than two units of foreign language for admission; three semesters will be required of those who present two units; and one year will be required of students who present three or more units for admission. Less than one year of work in the elements of a foreign language will not be accepted toward the fulfillment of these requirements.

**Juniors and Seniors.** The student must so arrange his work in the Junior and Senior years that at graduation he shall be able to present a Major (consisting of not less than six semesters' work) in some department or approved combination of departments, the work to be of a grade of advancement acceptable to each department as Major work. A statement of such courses as are regarded as too elementary to count toward a Major will be found under the description of work in the various departments which offer such courses.

## DEGREES

The Degree of Bachelor of Arts will be granted to a student who majors in any subject in Groups I or II or in Mathematics, provided the candidate has had at least three years of work in ancient languages, of which at least one year shall be of college grade; or, provided the candidate has had two years of work in ancient languages of college grade.

The degree of Bachelor of Science will be granted to a student whose major is in Mathematics, Physics, Chemistry, Biology, or Home Economics.

The degree of Bachelor of Philosophy will be granted to a

student whose major is in any subject in Groups I or II, but who does not meet the ancient language requirement for the Bachelor of Arts degree.

The degree of Bachelor of Music will be granted to those meeting certain requirements, regarding which reference should be had in the Catalogue to the work of the Conservatory of Music.

In brief summary, each candidate for the Bachelor's Degree must complete a four year's course carrying regularly 15 or 16 hours each semester, the whole amounting to a minimum of 120 hours, taking certain prescribed courses as stated above. Within the first two years he must take at least twelve hours in each group, and by graduation complete a Major (at least 6 semester courses) in some one department.

Of the 120 hours required for graduation the grade in at least three-fourths of the hours must be at least 70 per cent.

# Departments of Instruction

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## ASTRONOMY

PROFESSOR WATSON

### 1 and 2. General Course.

This is mainly a course in Descriptive Astronomy. It aims to supply a general knowledge of the more important facts and underlying principles of astronomy, and some acquaintance with the methods of arriving at the facts. Recitations and lectures are supplemented by observations of the heavens and studies in the location of the principal stars and constellations, and some use of the telescope. Open to Juniors and Seniors.

Text-book: Moulton's Introduction to Astronomy.

Three hours weekly, throughout the year.

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## ENGLISH BIBLE

PROFESSOR PARSONS

### 1 and 2. Old Testament.

Freshman, required. Both semesters.

1 hour.

This course aims to bring out the Divine purpose revealed in the early life of the race, more especially in the history and development of the Hebrew nation. There will be a study of the promises of the Messiah and the expectations of the Israelites concerning him. The period between the Old and New Testaments will be reviewed.

### 3. The Life of Christ.

Sophomore, required. First semester.

2 hours.

In this course the earthly life of the Lord Jesus as the Prom-

ised One is brought before the students. The great purpose of His life, and the way in which that purpose was accomplished are reviewed in order to secure a sympathetic co-operation in His plans.

#### **4. The Life and Times of Paul.**

Sophomore, required. Second semester.

2 hours.

In this course the organization and development of the early church will be the subject of study. Careful attention will be given to the life and times of the Apostle Paul as recorded in the book of Acts. The aim will be to trace the gradual crystallizing of Divine truth under the guidance of this master mind; while the program of world wide evangelization as disclosed by the Holy Spirit in the training and dispersion of the Apostles and Disciples will engage special attention.

#### **5. The Person of Christ.**

Senior, required. First semester.

2 hours.

A careful study of the fourth Gospel is made to bring the student in direct contact with the data on the person of Christ. Other fundamental subjects are discussed. Chapters are analyzed and outlined under given themes. A book review and a paper on the person of Christ is required.

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### **BIOLOGY**

PROFESSOR CARTER

PROFESSOR JONES

#### **1 and 2. General Biology.**

Introduction to both Botany and Zoology, and required as a preliminary to all advanced work in either department. This course aims to give such knowledge of fundamental principles concerning the activities of living things as to furnish a basis for more



advanced work in Animal Husbandry, Physiology, or special Zoological or Botanical subjects. Its place as a preparation for medical studies is generally recognized. This course is of special service in a scheme in general culture, since it gives a foundation for a comprehension of the current literature relating to plant and animal life, and the relations of plants and animals to mankind. Furthermore, this particular course offers an opportunity for students to obtain an insight into the processes of living matter. It is its purpose to give a survey of the activities of living things so that they may be appreciated in their bearing upon other fields of knowledge. This course is considered a desirable antecedent to the courses in Sociology, Psychology, and Philosophy.

Laboratory work, lectures, recitations.

Four hours weekly, throughout the year.

#### 4. General Botany.

A general course with considerable attention to systematic botany.

Text-books: Atkinson's College Botany; Gray's Manual.

Four hours weekly, second semester.

#### 5. Vertebrate Anatomy.

A number of representative vertebrates are carefully dissected in order to give the student a first-hand knowledge of the morphology of the vertebrates and at the same time careful practice in anatomical technique. In the lectures and recitations the classification of the vertebrates and the comparative morphology of the various organ systems are discussed. The course is designed for students preparing for medicine or for advanced work in Anatomy or Zoology.

Four hours weekly, first semester.

#### 6. Histology.

Methods of fixing, imbedding, cutting, staining and mounting tissues for microscopical study.

Lectures, recitations and laboratory.

Four hours weekly, second semester.

**7. Bacteriology.**

A general course in the study of bacteria. The preparation of culture media, the growth of typical forms and their microscopic study are included. The relations of bacteria to the home, the farm and to medical science are considered.

Lectures and laboratory work.

Four hours weekly, first semester.

**8. Advanced Bacteriology.**

The careful study of pathogenic bacteria, with experimental work.

Lectures and laboratory.

Four hours weekly, second semester.

**9 and 10. Physiology.**

The study of human physiology.

Recitations and laboratory.

Three hours weekly, throughout the year.

**20. Historical Biology.**

A course dealing with the development of the biological sciences and their present day tendencies.

Three hours weekly, second semester.

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**CHEMISTRY**

PROFESSOR McKENZIE

MR. SCHALL

**Chemistry 1 and 2. Elementary Inorganic Chemistry.**

This course covers the general field of Elementary Chemistry. The subject is presented by lectures with illustrated experiments

and by recitations. The students are required to perform most of the experiments in the laboratory, keeping notes on their work.

1. During the first semester the fundamental principles of the theory of Chemistry and the properties and reactions of the non-metallic elements and their simpler compounds are studied.

2. The work of the second semester includes a study of the properties and methods of preparation of the common metals and their simpler compounds. Work in photography, electrolysis and with the spectroscope is also included.

Four hours weekly, throughout the year.

### **3 and 4. Advanced Inorganic Chemistry and Qualitative Analysis.**

This course is designed to give a more thorough knowledge of the modern theories of chemistry, of their development and of their application to the analytical work in the laboratory and in manufacturing. The subject is presented by lectures, recitations and assigned readings. The laboratory work includes some quantitative experiments on the combining ratios of the elements and molecular weight determinations, followed by qualitative analysis.

Text-books: Alexander Smith's General Inorganic Chemistry; A. A. Noyes' Qualitative Analysis.

Open to students who have completed courses 1 and 2. A knowledge of Physics at least equal to that given in Physics 3 and 4 is desired for good work in this course.

Four hours weekly, throughout the year.

### **5 and 6. Organic Chemistry.**

This course gives a general survey of the simpler compounds of carbon, their structure and chemical behavior. It familiarizes the student with the methods of work in the organic laboratory in the preparation and study of the physical and chemical properties of organic compounds. It gives the facts and shows how the theories which have led to the modern conception of chemistry were developed.

Text-books: Ira Remsen: Organic Chemistry; J. F. Norris: Experimental Organic Chemistry.

References will be assigned to other standard works.

Prerequisite: Chemistry 1 and 2.

Four hours weekly, throughout the year.

Note—Courses 3, 4, 5 and 6, and Physics 3 and 4 are necessary for students expecting to enter the best medical schools.

## **7. Physiological Chemistry.**

(See Home Economics 7.)

## **8. Textile Chemistry.**

(See Home Economics 8.)

## **9 and 10. Applied Chemistry and Quantitative Analysis.**

The principles underlying the methods of gravimetric analysis and of the preparation and standardization of volumetric solutions are taken up and mastered. A few standard gravimetric and volumetric determinations are made and then their application to the analysis of a few substances undertaken. These include such determinations as the strength of vinegar, and of baking powders, hardness of water, alcohol in fermented liquors, milk analysis, etc. The quantitative determinations are accompanied by qualitative tests for the identification and for presence of impurities.

Text-books: Olsen: Quantitative Analysis, supplemented by Olsen: Pure Foods; Allyn: Elementary Applied Chemistry; and assigned reading.

Prerequisite: Chemistry 1 and 2.

One recitation and three laboratory periods weekly, throughout the year. Four hours' credit.

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## **DOMESTIC SCIENCE**

(See Home Economics.)

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## **ECONOMICS**

(See Political Science and Economics.)

**EDUCATION**

PROFESSOR WINTER

**1 and 2. History of Education.**

A study of the educational ideals and practices of ancient, mediaeval and modern times.

Text-book, lectures, assigned readings and reports.

Open to Juniors, and required of all those who desire the State Teacher's Certificate.

Three hours weekly, throughout the year.

**3 and 4. Principles of Education.**

A study of the biological, sociological and psychological phases of the educative process.

Text-book, lectures and reports.

Open to Seniors and required for the State Teacher's Certificate.

Three hours weekly, throughout the year.

**5. General Method.**

A study of the principles involved in classroom teaching.

Text-book, lectures and assigned readings.

Elective for Sophomores.

Three hours weekly, first semester.

**6. Genetic Psychology.**

A study of the laws governing the development of the child's mind.

Text-book, lectures and assigned readings.

Elective for Sophomores.

Three hours weekly, second semester.

**7. The High School.**

Open to Seniors, and required of those who wish to be recommended to high school teaching positions.

A study of the organization, function, curriculum and management of the American high school.

Two hours weekly, first semester.

**ENGLISH LANGUAGE AND LITERATURE**

PROFESSOR MORRIS

MISS HUME

MRS. JOHNSON

MR. SCHALL

**1 and 2. Freshman Composition.**

It is the purpose of this course to develop power of expression and to give a basis for an intelligent judgment of style. The course presupposes a knowledge of the grammar and rhetoric of the English sentence. The paragraph is taken as the unit of class-room practice in the first semester. In addition to daily themes throughout the year, there will be weekly readings in essay and fiction and occasional conferences with the instructor.

The work of the second semester will include the writing and delivering of an oration. The course is required of all Freshmen.

Three hours weekly, throughout the year.

**4. Advanced Composition.**

This course is intended for those who have shown an aptitude for writing and who desire special training in English Composition. The work will take up either essay or narrative or both with each student practicing in that form best suited to his needs. Elections must have the signature of the instructor in charge.

Prerequisite: English 1 and 2.

Three hours weekly, second semester.

**3. Tennyson and Browning.**

This course is intended as introductory to the study of literature, its method and material. It should precede all other courses in literature. It should meet the needs of those students who are able to give only a minimum of time to the study of literature. In addition to the reading of the poetry and critical material, there



will be a somewhat intensive study made upon a topic selected by the student.

Prerequisite: English 1 and 2.

Three hours weekly, first semester.

### **5. The Period of Classicism.**

A study of the writers of the Eighteenth Century from Dryden to Burns. The relation of the literature to the thought and standards of the century will be considered. The course may either precede or follow the study of the Romantic Movement.

Three hours weekly, first semester.

### **6. The Romantic Movement.**

A study of the chief writers of the first third of the Nineteenth Century. The work will include the reading of both verse and critical prose with especial attention given to Wordsworth, Coleridge, Byron, Scott, and Lamb.

Three hours weekly, second semester.

### **7. The English Drama to Shakespeare.**

This course will undertake to trace the development of the English drama from the liturgical plays to the maturity of the play in Elizabethan time. A number of early Elizabethan plays will be read.

Three hours weekly, first semester.

(Not given in 1919-1920.)

### **8. The Drama from Shakespeare to Goldsmith.**

A study of Shakespeare, his contemporaries and the later Elizabethans, the Restoration comedies, and the comedies of Sheridan and Goldsmith. The course is planned to give, with Course 7, a survey of the development of the drama before the Nineteenth Century.

Three hours weekly, second semester.

(Not given in 1919-1920.)

### **9. The English Novel.**

A course in the English novel in which an attempt is made to trace its development as an expression of the thought of the period

and, by a study of types, to establish a basis for critical appreciation. After making brief note of origins, the class will read novels of Richardson, Fielding, Austen, Scott, Thackeray, Hawthorne, Meredith and Hardy.

Three hours weekly, first semester.

#### **10. Victorian Prose Exclusive of Fiction.**

A study of some of the leading writers of England and America including Carlyle, DeQuincey, Newman, Arnold, Lowell and Emerson.

Three hours weekly, second semester.

#### **11. American Literature.**

A survey of the literature of America and an attempt to trace its connection with British and continental literature and its development as an expression of American life. The development will be traced by lecture and the literature itself will be read and discussed by the student.

Three hours weekly, first semester.

#### **12. Short Story.**

The study of the short story as a distinct type of fiction, its development, its subject matter and technique. The work will include the writing of one short story.

Three hours weekly, second semester.

(Not given in 1919-1920.)

#### **13. Modern Drama.**

A study of the drama, continental, English and American, from Ibsen to the present time. Attention will be given to the Irish dramatic movement, the community theater and the Little Theater movement.

Three hours weekly, second semester.

#### **14. The Teaching of English.**

It is the aim of this course to anticipate, for the prospective teacher of English, some of the details in method of presentation of the subject in high school classes. The course is open to those

students who have had sufficient work in the department to qualify them to teach the subject. Elections must have the signature of the instructor. Credit in this course will count toward the requirements for state certificate. Open only to Seniors.

Two hours weekly, second semester.

### **15 and 16. Seminar.**

It is the purpose of these courses to permit the student to follow his own methods of work more freely than the regular courses will permit. The aim is to cultivate individual initiative and independence. The subject matter varies from year to year according to the desires of the students electing the work but the subjects studied will probably be Versification in the first semester and Chaucer in the second semester of 1919-'20, and Twentieth Century Literature and Literary Criticism in 1920-'21.

Open only to Seniors with one year or more of previous work in literature. Required for an English major.

A major in the English Department must include six semester courses in English above Freshman Composition and the English Seminar for two semesters.

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## **FRENCH**

PROFESSOR BOURDON

### **1 and 2. Elementary French.**

Grammar, composition, dictation, reading, special stress being laid upon accurate pronunciation. Fraser and Squair: Shorter French Course; Aldrich and Foster: French Reader; Labiche and Martin, *Le Voyage de M. Perrichon*. No credit given unless the whole course is completed.

Four hours weekly, throughout the year.

### **3 and 4. Intermediate French.**

Reading, dictation, composition and conversation. Le Sage, *Gil Blas*; Sand, *La Mare au Diable*; Daudet, *La Belle Nivernaise*; Moliere, *Le Bourgeois Gentilhomme*; Balzac, *Eugenie Grandet*.

Three hours weekly, throughout the year.

**5. Moliere.**

Study of the more important plays; rapid reading of others.  
Three hours weekly, first semester.

**6. History of Early French Literature.**

From the earliest times to the classic period.  
Lectures, recitations, reading.  
Three hours weekly, second semester.

**7. History of Modern French Literature.**

From beginning of the classic period to the present day.  
Lectures, recitations, reading.  
Three hours weekly, first semester.

**8. French Literature of the Seventeenth Century.**

Study of the development of French Literature from Malherbe to the end of the reign of Louis XIV.  
Two hours weekly, second semester.

**9. French Literature of the Eighteenth Century.**

Works of Voltaire; Study of Rousseau, Montesquieu and the encyclopedists; the dramatists.  
Two hours weekly, first semester.

**Advice as to the Choice of Courses**

A major in Romance Languages with emphasis on French includes as prescribed courses, French 3, 4, 5, 6, two courses in French Literature, one of which must be 7 and Spanish 1 and 2.

A major in Romance Languages with emphasis on Spanish includes as prescribed courses, Spanish 2, 3, 4, 5 and 6 and French 1 and 2.

All students whose major is in Romance Languages are advised to elect courses in mediaeval and modern European History and in the History of English Literature.

**GEOLOGY**

PROFESSOR CARTER

**1 and 2. General Geology.**

1. Dynamic and Structural Geology. The geological forces and the work they accomplish and a study of the original and secondary structures of rocks. Each student will identify about seventy-five minerals in the laboratory.

2. Physiographic and Historic Geology with special reference to the North American continent, and a study of the evolution of land, and of the life forms from the oldest geological record down to the present time.

Text-book: Chamberlain and Salisbury.

Three recitation periods and one laboratory period weekly throughout the year.

Four hours credit each semester.

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**GERMAN**

PROFESSOR WIRTZ

**1 and 2. Elementary German.**

This course includes the essentials of German grammar, the reading of selections in prose and verse, German conversation and composition. It is open only to students who have presented two full units in foreign languages. No credit will be given unless the whole course is completed.

Five hours weekly, throughout the year.

**3 and 4. Intermediate German.**

Modern prose writers, Storm, Freytag, Seidel, Ernst, etc., German lyrics and ballads, Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*. Open to students who have completed course 1 and 2, or its equivalent.

Four hours weekly, throughout the year.

**5 and 6. The Classical Period.**

This course will include the critical study of representative works of Lessing, Goethe, and Schiller; lectures, outside readings and reports. Open to students who have completed courses 1-4, or their equivalents.

Three hours weekly, throughout the year.

**7 and 8. The 19th Century.**

Two courses in the literature of this period will be given in alternate years. The course will present an outline of German life in the 19th century as reflected in the German novel and short story; the second course will take up the drama of this period exclusive of the works of Goethe and Schiller. Open to students who have completed courses 1-4, or their equivalent.

Three hours weekly, throughout the year.

A Major in German consists of three years' work, not including courses 1 and 2.

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**GREEK**

PROFESSOR MAY

**1 and 2. Elements of Greek.**

Open to Freshmen. The elements as presented by a first Greek book, with reading from Xenophon, Lucian and the New Testament, Prose Composition and study of grammar.

Fours credit hours each semester.

**3 and 4. Greek Classics.**

Open to Freshmen. Prerequisite: Greek 1 and 2 or two units of high school Greek. Reading from the following authors: Plato, Selections, about fifty pages; Homer, Iliad and Odyssey, selections, about a hundred pages; Euripides, Alcestis; Sophocles, Antigone.



Review of grammar and prose composition. Collateral reading in the history of Greek literature.

Fours credit hours each semester.

### **5 and 6. Greek Testament.**

Open to Freshmen. Prerequisite, Greek 1 and 2. Selections from the Gospels and Book of Acts.

One credit hour each semester.

### **7 and 8. Greek Civilization.**

Open to Sophomores. No knowledge of the Greek language required. In this course an attempt is made to present Greek civilization in all its aspects. The basis of the course will be a study of Greek literature through English translations, but there will be constant reference to the political history, art, philosophy, science and thought of the Greek world from the beginning down to the Roman Empire.

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## **HISTORY**

PROFESSOR McDONALD

### **1 and 2. Modern Europe.**

A survey of European history since 1500. The inception and development of the new Europe, with some consideration of the great movements which have characterized it.

Text-book, lectures, readings, and reports.

Three hours weekly, throughout the year.

### **3 and 4. History of the English People.**

The rise and development of the English nation, especially along political, social and economic lines. The beginning and unfolding of its institutions is traced and an endeavor made to bring out strongly the human element, making the life of the nation real,

something more than a succession of events, dates, or dynasties. Particular study will be devoted to the English of the sixteenth and succeeding centuries. Constant reference is made to sources and original documents.

Recitations, readings and text-book.

Prerequisite: History 1 and 2.

Junior elective.

## **5. History of the United States.**

A course taking up the consideration of national beginnings at the close of the Revolution and subsequent development down to the opening of the Civil War.

Lectures and assigned reading.

Elective for Juniors and Seniors.

Three hours weekly, first semester.

## **6. History of the United States.**

A continuation of course 5, covering the period from the Civil War to the present year. Particular attention will be given to the movements, social and economic, of recent years.

Text-book, readings and lectures.

Elective for Juniors and Seniors.

Three hours weekly, second semester.

## **7. The Protestant Revolt.**

A rapid outline study of the time of the Reformation, its historical setting, the causes which produced it, its distinguishing characteristics, political, social and economic, as well as religious, its influence upon modern thought and life, with some account of its notable figures. Designed to furnish a general outline of the period.

Lectures and text-book.

Prerequisite: History 1 and 2.

Senior Elective.

Three hours weekly, first semester.

(Not given in 1919-1920.)

## **8. History of the Intellectual Life of Europe.**

More particularly from the thirteenth to the eighteenth cen-

turies. The aim of this course is to sketch the background of intellectual history, the transmission of Greek and Roman culture through the Middle Ages and to bring out as clearly as possible the progress of thought and the changing mental conceptions of the centuries as illustrated by certain representative types from about the time of Roger Bacon and the beginnings of modern experimental science, considering among others, Marsiglio of Padua, Dante, the Humanists from Petrarch to Erasmus, astrology, witchcraft, the genesis of the spirit of progress, the Encyclopaedists. etc.

Lectures, assigned readings and discussions.

Prerequisite: History 1 and 2.

Senior Elective.

Three hours weekly, second semester.

(Not given in 1919-1920.)

## **9. Economic History of the United States.**

A careful study of the development of American commerce and industry from the Colonial period to the present time.

Prerequisite: History 5 and 6.

Text: Bogart's "Economic History of the United States."

Two hours weekly, first semester.

## **10. The Teaching of History.**

This course is especially designed to meet the needs of those who expect to teach History. A study will be made of the place of History in the school curriculum, methods of presentation, and the more important sources and materials suitable for teachers and pupils.

Two hours weekly, second semester.

A major in history and economics consists of not less than twenty-four semester hours, six of which must be History 1 and 2. If History is taken exclusively, the courses should be taken in the following order: Sophomore year, History 1 and 2; Junior year, History 3, 4, 5 and 6; Senior year, History 7 and 8. Twelve hours of economics and political science may be substituted for History. However, if the two fields are combined in working out a major, it is advisable that at least thirty hours be taken in the department.

**HOME ECONOMICS**

PROFESSOR MORE

**1 and 2. Textiles and Sewing.**

The work of this course includes plain and loop stitches, the making of buttonholes, cuffs, collars, plackets, patching, darning and machine sewing. A set of underwear, a shirtwaist, and a dress are to be made the second semester. This course includes also the clothing budget, the drafting of patterns, the selection and design of clothing, the study of textile fibers, and the development of modern textile manufacture.

Text-book: Baldt's Clothing for Women.

One lecture and two laboratory periods throughout the year.

Three hours credit each semester.

**3 and 4. Foods and Cooking.**

This course takes up a study of the composition, production, cost, and caloric value of common foods. The student acquaints himself with the wholesale and retail cuts of meats, with questions of digestion, and with the proportion of the essential elements in a balanced food. In the laboratory, practise is given in the preservation, cooking and serving of foods.

Texts: Rose's Feeding the Family; Farmer's Boston Cooking School Cook Book.

Two lectures and two laboratory periods weekly throughout the year.

Four hours credit each semester.

Those not majoring in Home Economics may take one lecture instead of two if desired.

**5. Organic Chemistry.**

First semester.

(See Chemistry Department.)

**7. Physiological Chemistry.**

This course takes up the study of food chemistry from the standpoint of analysis and synthesis. It also deals with enzymes, salivary, gastric, pancreatic, and intestinal digestion; body waste and metabolism; blood and milk analysis.

Text-book: Hawk's Practical Physiological Chemistry.

Prerequisites: Chemistry 1, 2 and 5.

Two lectures and two laboratory periods, one semester.

Four hours credit.

## **8. Textile Chemistry.**

The work of this course includes the chemistry and microscopy of cotton, linen, silk and wool fabrics, the detection of adulterants; the chemistry of dyes and the analysis of commercial fabrics.

Prerequisites: Chemistry 1, 2 and 5.

Two lectures and two laboratory periods one semester.

Four hours credit.

## **9 and 10. Dietetics and Nutrition.**

The study of the digestion, anabolism and catabolism of foods, food requirements in health and disease, the making of menus for special purposes.

The laboratory work includes the cooking and serving of meals for the family, for guests, for children, for invalids, and for individuals having special dietary requirements.

Text-books: Sherman's Chemistry of Nutrition; Stile's Nutritional Physiology; Rose's Manual of Dietetics.

Prerequisites: Home Economics 3, 4, 5 and 7.

Three lectures and two laboratory periods weekly, throughout the year.

Five hours credit each semester.

## **11. Hygiene and Sanitation.**

Principles involved in the care of the body and the avoidance of disease; necessity and methods of obtaining proper sanitation in the home.

Three lectures weekly for one semester.

## **12. House Decoration.**

Principles of art involved in interior decoration and furnishing of the house.

Three lectures weekly for one semester.

## **14. Home Economics Education.**

Principles of Education applied to the teaching of home eco-

nomics subjects. Demonstrations and practice teaching.

Prerequisites: Home Economics 1, 2, 3, and 4.

One lecture and two laboratory periods for one semester.

Three hours credit.

### 15 and 16. Advanced Textiles and Dressmaking.

Study of costume design, silk and wool fabrics and their manufacture, advanced pattern making. The making of tailored garments and more elaborate gowns.

One lecture and two laboratory periods throughout the year.

Three hours credit.

Prerequisites: Home Economics 1 and 2.

### Synopsis of Home Economics Course

Freshman:	Course Number	Credit Hours	
		1st Sem.	2nd Sem.
Textiles and Sewing	1, 2	3	3
Bible	1, 2	1	1
English	1, 2	3	3
Mathematics	1, 2	4	4
Chemistry	1, 2	4	4
		—	—
		15	15
<b>Sophomore</b>			
Foods and Cooking	3, 4	4	4
History	1, 2	3	3
Language	1, 2	4	4
Bible	3, 4	2	2
Electives		3	3
		—	—
		16	16
<b>Junior</b>			
Chemistry	5, 7	4	4
Psychology	1, 2	3	3
Language or		4	4
Bacteriology	7	4	
Electives			4
		—	—
		15	15



(Other courses may be substituted for Language if the Language requirement has already been met.)

### Seniors

Dietetics	9, 10	5	5
Bible	5,		2
Electives		10	8
Thesis		—	—
		15	15

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## LATIN

PROFESSOR MAY

### 1 and 2. Elements of Latin.

Open to Freshmen who have had no Latin in high school.

The elements as presented in a first Latin book followed by reading from Caesar, Nepos, or other prose authors. Prose Composition, oral exercises, and systematic study of grammar.

Four credit hours each semester.

### 3 and 4. Cicero and Vergil.

Open to Freshmen who have had two units of Latin in high school. Reading of Latin prose amounting to about seventy-five pages selected from Cicero's Orations and Letters with a small portion of Sallust's Catiline. About a hundred pages of Vergil's Aeneid, including Books I, II, IV, and selections. Supplementary reading in Latin from the Vulgate, and Peck and Arrowsmith's Roman Life in Latin Prose and Verse. Prose Composition and study of grammar.

Four credit hours each semester.

### 5 and 6. Livy, Cicero, Terence, Horace.

Open to Freshmen who present four units of Latin for admission.

Livy, selections; Cicero, De Senectute; Terence, Andria;

Horace, selections from the Odes; Cook's Anthology of Latin verse. Supplementary reading in Mackail's History of Latin Literature, and the history of the Roman republic. Latin prose composition, Gildersleeve and Lodge.

Four credit hours each semester.

### **7 and 8. Tacitus, Pliny, Horace, Plautus.**

Open to Sophomores who have had Latin 5 and 6.

Tacitus, selections from Annals I-IV; Pliny's Letters, selections; Horace, Selections from Satires and Epistles; Plautus, two plays. Collateral reading in the history of the Roman Empire and in Roman private life. Some attention will be given to Roman Law.

Three credit hours each semester.

### **9 and 10. Literature of the Post-Augustan Age; Teaching of Latin.**

Open to Juniors who have had Latin 7 and 8.

Two class hours each week will be devoted to the reading of many selections from the later Latin literature, both prose and poetry. One hour each week will be given to lectures and discussions in the field of Latin teaching. The authors read in the secondary school will be reviewed.

Three credit hours each semester.

### **11 and 12. Roman Civilization.**

Open to Sophomores. No knowledge of the Latin language required.

In this course an attempt is made to present Roman civilization in all its aspects. The basis of the course will be a study of Roman history, but there will be much reading of Latin authors in translation and study of Roman law and political organization. Attention will be concentrated upon the Empire and its many systems of thought and philosophy both Christian and pagan.

Three credit hours each semester.

ing courses: 5 and 6, 7 and 8, and either 9 and 10 or 11 and 12.

Major: A major in this department will consist of the follow-

**MATHEMATICS**

PROFESSOR WATSON

PROFESSOR MAY

PROFESSOR JONES

**1. Higher Algebra and Plane Trigonometry.**

Beginning with a rapid view of radicals and quadratic equations, the work embraces proportion, permutations and combinations, indeterminate coefficients, partial fractions, binomial theorem, series, method of differences, logarithms, imaginaries, and a brief course in determinants and the theory of equations. The last four weeks of the semester will be devoted to plane trigonometry.

Required of Freshmen.

Text-books: Higher Algebra, Hawkes. Elementary Mathematical Analysis, Young and Morgan.

Four hours weekly, first semester.

**2. Plane Trigonometry and Introduction to Analytic Geometry.**

Attention is given to the analytical theory of the trigonometric functions, the development of the general formulae, the solution of the triangles and practice in the use of logarithmic tables. In Analytic Geometry the endeavor is to acquaint the student with the general methods by which analysis is applied to geometrical problems. The work includes the construction and discussion of the loci of equations, the geometry of the straight line, the circle and the conic sections. About one-third of the semester is devoted to Trigonometry, the remainder being given to Analytic Geometry.

Required of Freshmen.

Text-books: Durell's Plane Trigonometry; Granville's Plane Trigonometry; Smith & Gale's Analytic Geometry.

Four hours weekly, second semester.

**3. Differential Calculus.**

Numbers, variables and functions, the theory of limits, general principles and formulae of differentiation, together with numerous

applications to geometry and mechanics, successive differentiation, the development of functions in series, maxima and minima.

Text-book: Granville's Differential and Integral Calculus.

Four hours weekly, first semester.

#### **4. Integral Calculus.**

This is a continuation of Course 3. The general principles and formulae of integration are developed and applied to such problems of geometry as the rectification of curves, determination of areas, volumes, etc., centers of gravity, moments of inertia, etc.

Text-book: Granville's Calculus.

Four hours weekly, second semester.

#### **5. Advanced Calculus.**

This course treats such topics as partial derivatives, Taylor's Theorem for functions of several variables, singular points, envelops, involutes and evolutes, etc., definite integrals, improper integrals, line integrals, Green's Theorem, Fourier's Series, etc.

Reference to Byerly, Williamson, Todhunter and other authors.

Four hours weekly, first semester.

#### **6. Differential Equations.**

The endeavor is to make this course practical, rather than theoretical. A large number of examples are solved, and numerous applications are made to problems of physics and mechanics.

Text-book: Murray's Introductory Course in Differential Equations. Reference to Cohen, Johnson, and Forsythe.

Three hours weekly, second semester.

#### **7. Theoretical Mechanics.**

This course deals with the general principles of dynamics, the laws of motion, statics, the dynamics of a particle and of rigid bodies.

Text-book: Parker's Elements of Mechanics.

Three hours weekly, first semester.

## 8. Algebraic Analysis.

This course treats the subjects of determinants, the theory of equations and the elements of the theory of functions of a real variable. It is given by lectures and special reports. The attempt is made to introduce the student to a somewhat broad range of mathematical literature. Ability to read French is desirable, although not necessary for this course.

Three hours weekly, second semester.

## 9. History and Pedagogy of Mathematics.

The first one-half of the semester will be devoted to the history of the development of elementary mathematics by the Egyptians, Hindoos, Greeks, Arabs, Romans, and modern European nations. The course will consist of lectures and reports on assigned topics. The second one-half of the semester will be devoted to the study of the Pedagogy of Mathematics. Young's Teaching of Mathematics will be used as a text in connection with lectures and reports on assigned readings. Two hours of this course can be counted, in the twenty hours of Pedagogy, required for a state certificate.

Three hours weekly, first semester.

## 10. Elementary Analysis.

This course is planned for those persons who wish some mathematical training beyond that of Freshman rank, but have not taken Calculus, or wish additional work in Analytic Geometry and Calculus with numerous applications. Emphasis will be laid on the graph and graphic solutions.

Text-book: Smith and Granville's Elementary Analysis.

Four hours weekly, second semester.

## 11. Determinants and Solid Analytical Geometry.

The first half of the semester will be given to a study of determinants and determinant notation with applications to solutions of equations. The second half of the semester will be devoted to the

study of theory of solid analytical geometry with applications.

Text-books: Theory of Determinants, Weld; Bailey & Wood's Analytical Geometry.

Three hours weekly, semester to be determined by circumstances.

## **12. Functions of a Complex Variable.**

This course is designed as an introduction to the field, "Functions of a Complex Variable," and will deal with the complex variable in algebra, circular trigonometry, hyperbolic trigonometry, logarithms, generalized circular functions, and conformal representation. Elective for Juniors and Seniors.

Three hours weekly.

## **13. Descriptive Geometry.**

This course deals with the theory of orthographic projection and its application to drafting. Some attention will be given to spherical projections, shades and shadows, linear perspective and isometric drawing.

Elective for Juniors and Seniors.

Text-book: Church and Bartlett's Elements of Descriptive Geometry.

Four hours weekly, second semester.

## **15 and 16. Surveying.**

The course consists of lectures, recitations, adjustment of instruments, and field work. The latter includes the use of the tape, determination of areas with tape and transit, use of Y-level, with considerable practical work. A careful study is made of United States land survey methods, original surveys, re-establishment of corners and boundaries, and court decisions relating thereto.

Elective for Sophomores.

Text-book: Surveying Manual, Pence and Ketchum.

Four hours weekly, throughout the year.

## **17 and 18. Mechanical Drawing.**

This course will include lettering, freehand drawing, elements of projection and mechanical drawing, drawing from copy and



model, and the reproduction of machine detail sketches.

As far as possible, drawing boards, T-squares, straight-edges, triangles, and protractors will be furnished. Students will secure their own ruling pens and compass.

Lecture and tests on mechanical drawing subjects will be given.

Open to all students.

Three hours weekly, throughout the year.

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## PHILOSOPHY

PROFESSOR WINTER

### 1 and 2. Psychology.

An introductory course in general Psychology.

Text-book, lectures, reports and demonstrations.

Open to Sophomores, and required of those who desire the State Teacher's Certificate.

Three hours weekly, throughout the year.

### 3. Introduction to Philosophy.

A general survey of the main problems of Philosophy, including a discussion of definitions, terms and classifications.

Text-book, lectures and papers.

Prerequisite: Psychology 1.

Three hours weekly, first semester.

### 4. Ethics.

An introduction to the nature and methods of Ethics, including a study of such subjects as conscience, teleology, hedonism, energism, character and freedom.

Text-book, lectures and reports.

Prerequisite: Psychology 1.

Elective for Juniors and Seniors.

Three hours weekly, second semester.

**5. Logic.**

A study of inductive and deductive thinking.

Text-book, lectures and reports.

Elective for Juniors and Seniors.

Prerequisite: Psychology 1.

**6. Aesthetics.**

A study of the definitions, forms and standards of Beauty, and the application of aesthetic principles in poetry and the fine arts.

Elective for Juniors and Seniors.

Prerequisite: Psychology 1.

Three hours weekly, second semester.

**7 and 8. History of Philosophy.**

A study of the development of philosophic thought from the beginning of Greek philosophy to the beginning of the nineteenth century.

Text-book, lectures and papers.

Elective for Juniors and Seniors.

Prerequisite: Psychology 1.

Three hours weekly, throughout the year.

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**PHYSICAL EDUCATION**

MR. YOUNT

MRS. BOIES

Physical training is required of all students whose college rank is below that of the Junior class, and is open to Juniors and Seniors also. If undertaken by the latter, regular attendance will be required as in the case of the other classes.

Students on entering College may have their physical measurements taken. Special corrective exercises and advice concerning

participation in athletic games will be given in cases where it is needed.

The following table will show the emphasis on work in this department at different periods of the year.

Fall	Winter	Spring
Field Work	Gymnasium Exercises	Field Work
a. Football	a. General Calisthenics	a. Track Work
b. Track Work	b. Light Apparatus Work	b. Baseball
c. Tennis	b. Indoor Track Work	c. Tennis
	c. Basketball	
	d. Early Baseball Practice	

### 1. Required Course for Women.

General gymnasium work and games Tuesdays and Thursdays, throughout the year.

a. Emerson Exercises; corrective and recreative exercises, including fancy steps, clubs, wands, dumbbells, and games.

b. Special classes in Gilbert rhythmic work and national Folk Dances.

c. Health Culture. The results sought in this course are health, natural poise, ease in standing, walking, mounting stairs, and all necessary daily acts.

Courses a and b are required. Class instruction in Physical Education is free to all women enrolled in the college; required of all during Freshman and Sophomore years.

### 2. Required Course for Men.

General gymnasium work, Wednesdays and Saturdays; indoor track work, Mondays and Fridays; basketball and indoor baseball at appointed hours.

A new gymnasium with a free floor space, ninety-five feet by fifty, and completely equipped with running track, modern gymnastic apparatus and baths, affords unsurpassed facilities for conducting the indoor work of this department. For outdoor exercises the Alumni Athletic Field provides an exceptionally good and perfectly drained baseball diamond, a football gridiron, several tennis courts and a quarter-mile cinder track sixteen feet in width.

**PHYSICS**

PROFESSOR McKENZIE

Student Assistant

**3 and 4. General Physics.**

Throughout the year.

**3. Mechanics, Sound, and Heat.** The laws of pure motion, of matter in motion and the properties of matter are studied. This is followed by a study of sound and heat. The subject is presented by lectures, following the work of the text-book, with experiments illustrating the principles considered, by recitations on the lectures and text-books, and by laboratory work.

Readings on selected topics will be assigned.

Text-books: Kimball's College Physics and Ames and Bliss' Manual of Experiments in Physics.

Two class room and two laboratory periods weekly, first semester.

Four hours credit.

**4. Electricity, Magnetism and Light.** This is a continuation of course 3. Special attention is given to the fundamental laws of Magnetism, and Electricity, and Light, and to their practical applications. A working knowledge of algebra, geometry and trigonometry is required for course 3 and 4.

Text-books: Same as in course 3.

Two recitations and two laboratory periods weekly, second semester.

Four hours credit.

**5 and 6. Practical Electricity.**

The aim of this course is to familiarize the student with the historic development of dynamic electricity from Oersted's discovery to the present day. It gives the student an appreciation of the way the great scientific principles in this field have been worked out and applied step by step in perfecting the electrical machines and how these principles have been adapted to the uses of our

every day life. With this aim the mathematical treatment is used only so far as necessary to give a clear understanding of the fundamental principles of the dynamo and motor, the transformer and the conservation of energy involved.

**5. Direct Current Machinery and Application.** This course presents an opportunity to work with direct current dynamos and motors, and to study their development, construction and use. The application of direct current to electric arc and incandescent lighting, storage batteries and electro-chemistry.

Recitations, assigned reading and laboratory work.

Text-book: Timble: Elements of Electricity for Technical Students, with Laboratory Manual.

Four hours weekly, first semester.

**6. Alternating Current Electricity.** During the second semester the development of the use and construction of alternating current machinery and transmission of alternating current will be studied. Included in the subjects studied are single and poly-phase alternators, transformers and their development, alternating current series and synchronous motors, single, two- and three-phase induction motors, and the use and transmission of alternating current for power, lighting, and transmission of intelligence.

This course is open to students who have completed course 3 and 4, or to students who, on consultation with the head of the department, show that they have had sufficient preparation in general physics.

The electrical equipment includes a power plant, a 2 H. P. gasoline engine driving direct current and single- and double-phase alternating current dynamos, D. C. motors and A. C. motors, of synchronous, single phase, two- and three-phase induction motors, standard and commercial volt and ammeters for both D. C. and A. C., storage batteries, transformers for single-phase, and for charging two- to three-phase current arc and incandescent lamps of different voltages and of the latest types of metal filaments, and flaming arc, galvanometers, resistance boxes, bridges, etc.

Four hours weekly, second semester.

A major in Physics and Chemistry may be secured by combining chemistry 3 and 4 with Physics 3-4 and 5-6.

7. **Theoretical Mechanics.** Given by Professor Watson.  
See under Department of Mathematics.
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## **POLITICAL SCIENCE AND ECONOMICS**

PROFESSOR McDONALD

### **1-2. Elementary Political Science and American Government.**

This course is designed to prepare the student for intelligent citizenship. It should be elected in the Junior or Senior year. The course will be introduced with a study of the origin and development of the state, using Leacock's "Elements of Political Science." The American Government will then be studied in its federal, state and local aspects, using Beard's two volumes, "American Government and Politics" and "Readings in American Government and Politics." The course should be preceded or accompanied by courses in American History equivalent to History 5 and 6.

Prerequisite to the other courses in Political Science.

Recitations, assigned topics, reports.

Three hours weekly, throughout the year.

### **3-4. Introduction to Economics.**

A course in the fundamental principles of Economics designed to secure for the student an intelligent understanding of the various economic theories. Attention will also be given to present day conditions, the aim being to make the study not less practical than theoretical, some attention being paid, so far as possible, to monopolies, the various aspects of the trust question, the railroad problem, the labor problem including socialism, taxation, the tariff question, and the problems connected with money, banking and international trade.

Text-book, readings and assigned topics.

Junior and Senior elective.

Three hours weekly, throughout the year.

### **5. The Labor Problem.**

This is a study of the great struggle between capital and labor. Special attention will be given to socialism and labor organizations



as elements in modern industrial evolution. The various proposed remedies for industrial unrest will be examined. The purpose of the course is to furnish the student with the material for an independent judgment of the issues in this important field.

Text-book, assignments, reports and discussion.

Prerequisite: Economics 3.

Two hours weekly, the second semester.

## 6. Sociology.

The subject is treated broadly, but with sufficient detail to provide a working knowledge of sociology, particular emphasis being placed upon the practical phases of the subject, especially with reference to conditions and problems in this country. The development of social relations is followed by a study of the units of organization and the following topics more particularly discussed, viz: population, both urban and rural, special problems of the city, employment, the present labor system, education, social well-being, charitable relief, criminology, so-called solutions for social and economic difficulties. The topical method of treatment is largely, although not exclusively, employed.

Text-book, lectures and reports on assigned topics for investigation.

Prerequisite: Economics 3.

Senior and Junior elective.

Three hours weekly, second semester.

## 7. International Law.

An elementary consideration of the principles governing the relationships which exist among the nations in peace and war. The effects of the War of the Nations upon international legal principles and the contributions of the United States to the rules of international conduct will be especially emphasized in this course.

Text-book, assigned readings, problems.

Prerequisites: Political Science 1 and History 1 and 2.

Junior and Senior elective.

Three hours weekly, second semester.

**PUBLIC SPEAKING****1. Public Speaking.**

This course has to do with the discovery of the principles of expression and the application of these principles in daily platform practice. It aims to make voice and body responsive to thought and feeling, and is designed to give a student reasonable control of himself before an audience.

Three hours weekly, first semester.

**2. Public Speaking.**

The work done in the first semester will be continued and developed. The emphasis will be placed on original thinking and self-expression. The student will be introduced to argumentation and extemporaneous speaking in both principle and practice. The course aims to develop the ability to think and talk well.

Three hours weekly, second semester.

Note: Unless present plans miscarry, additional courses will be offered in this department next year.

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**RELIGIOUS EDUCATION**

PROFESSOR VARTANIAN

**7. Organization and Methods of Sunday School.**

Sophomore elective. First semester.

2 hours.

(Not given in 1919-1920.)

**8. Christianizing the Social Order.**

Sophomore elective. Second semester.

2 hours.

This course is concerned with a study of present day problems such as Exploitations, Housing of the Poor, Labor and Capital, Middleman and Consumer, etc. It considers the Christianized Social Institutions and aims to investigate proposed methods of solution of the un-Christian social order.

**9. The World Religions Compared.**

Elective for Juniors and Seniors. First semester. 3 hours.

This course brings to the knowledge of the student the ethnic religions, and through comparison seeks to discover their strength and weakness and their relation to Christianity.

**10. Missions.**

Elective for Juniors and Seniors. Second semester. 3 hours.

**11. The Philosophy of the Christian Religion.**

Elective for Juniors and Seniors. First semester. 3 hours.

This course is designed to give the student a thorough grounding in the principles of the Christian religion in their relationship to the life of mankind. Subjects such as the Person of Christ, the Problem of Miracles, the Nature and Contents of Inspiration, Man, Sin, Salvation, the Trinity and the Hope of Immortality are discussed.

**6. Psychology of Religion.**

Elective for Juniors and Seniors. Second semester. 3 hours.

The aim of this course is to ascertain the controlling forces and the expressions of religious nature in the life of the race and in the child.

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**ROMANCE LANGUAGES**

(See French and Spanish.)

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**SOCIOLOGY**

(See Political Science and Economics.)

**SPANISH**

PROFESSOR BOURDON

**1. Elementary Spanish.**

Beginner's Course. First semester. 4 hours.  
Rudiments of Grammar. Reading of short stories.  
Text: Hill and Ford.

**2. Spanish Reading and Grammar.**

Prerequisite: Course 1. Second semester. 4 hours.  
Reading of simple prose texts with exercises and dictation.  
Grammatical review.

**3. Modern Spanish Writers.**

Prerequisite: Courses 1-2. First semester. 3 hours.  
Translation and reading of representative works of Alarcon,  
Pereda, Valera, Palacio Valdes.

**4. Spanish Composition.**

Prerequisites: Courses 1-2. Second semester. 3 hours.  
Written exercises and training in writing and speaking Spanish.  
Must be preceded or accompanied by course 3.

**5. Spanish Prose and Poetry.**

Prerequisite, stated below. First semester. 3 hours.  
Principal works of the poets and prose writers of the eighteenth  
and nineteenth centuries. Must be preceded or accompanied by  
Course 4.

**6. Advanced Spanish Composition.**

Prerequisite, stated below. Second semester. 3 hours.  
Translation into Spanish of English prose. Original composition  
and practice in speaking Spanish. Must be preceded or accompanied  
by course 5.

**7. History of Early Spanish Literature.**

Advanced Elective. First semester.

3 hours.

The history is traced from the earliest times through the classic period. Lectures, recitations, readings.

**8. History of Modern Spanish Literature.**

Advanced Elective. Second semester.

3 hours.

From the classic period to the present day. Lectures, recitations, readings.

## **The Lewis B. Parsons, Jr., School of English Bible and Christian Service**

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**Purpose.** Ever since its organization, Parsons College has placed large emphasis in its curriculum on the study of the English Bible. As a prerequisite to every degree a certain amount of class room work in the Bible has been required.

For years there had been a feeling that this subject should receive even larger recognition. Definite action was taken when the son and daughter of General Lewis B. Parsons offered to erect a building in memory of their father for the use of the Bible department. In June, 1914, the Board of Trustees established the "Lewis B. Parsons, Jr., School of English Bible and Christian Service" as a department of the College. Rev. Willis Edwards Parsons, D. D., for nine years president of the College, was elected Dean of the school and it was decided to raise \$40,000.00 for its endowment.

This school has been established on the assumption that Bible study calls for as vigorous mental effort as students are required to give to studies in the arts and sciences. The aim is to maintain the highest standard of scholarship and at the same time to stimulate the deepest spirituality. The work will be along constructive, not destructive lines. Criticism, in so far as needed to ascertain the facts, will be employed; but the aim will be to strengthen the authority of the Bible as the Word of God, and to give it a larger place in the thought and life of the student.

The task will be two-fold:

1. To bring the Bible into the life of each student of Parsons College as the living message of the living God.
2. To train young men and women for effective Christian service at home and abroad.

**Equipment.** A building to house the school has been erected just north of Barhydt Memorial Chapel, with which it is connected by a cloister, and to which it conforms in architecture. It is con-



structed of Eddyville stone with Bedford stone trimmings and green tile roof. It has a frontage of seventy feet and a depth of forty-four feet; the total length, including cloister, is one hundred and twelve feet. The heavy stone arches of the porch and cloister suggest massiveness and strength combined with grace.

The first story contains a handsome reception hall panelled in oak, with beamed ceiling. Out from this open the beautiful library, the offices for the Dean and two large, well lighted class rooms. In the second story, besides a large hall, there are two rooms, one for the records and memorials of the Parsons family, the other for a museum for curios and objects of interest from mission stations in all lands. The interior finish is white oak.

The building is equipped with maps, charts, books, stereopticon and whatever is needed to enhance the value of the courses offered by the school.

**Terms of Admission.** Students desiring to enroll in the Bible school will be expected to meet the requirements of the college the same as in other departments. Opportunity will be given to major in this department. Election may be made of work in other departments, according to the preparation of the student.

### **BIBLE TEACHERS' TRAINING SCHOOL FELLOWSHIP**

The Bible Teachers' Training School of New York City offers a fellowship in their School of Theology, to be awarded each year upon recommendation of the Faculty of Parsons College, to a member of their graduating class, or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability, and limitation of financial resources.

The fellowship provides board, room and tuition and \$50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship, and engage in a limited amount of active Christian service, under the direction of the Practical Work Department.

**OUTLINE OF COURSES (For full description see pages 51-52.)****1 and 2. Old Testament History.**

One hour weekly, throughout the year.  
Required of Freshmen.

**3. The life of Christ.**

Two hours weekly, first semester.  
Required of Sophomores.

**4. Life and Times of Paul.**

Two hours weekly, second semester.  
Required of Sophomores.

**5. The Person of Christ.**

Two hours weekly, first semester.  
Senior, required.

While the above courses are required work for the classes named, they will be open to those who have the necessary preparation and who desire to take them.

Besides this required work there will be the following

**Elective Courses****7. Organization and Methods of the Sunday School.**

Sophomore elective, first semester, two hours.

**8. Christianizing the Social Order.**

Sophomore elective, second semester, two hours.

**9. Comparative Religion.**

Elective for Juniors and Seniors, first semester, three hours.

**10. Missions.**

Elective for Juniors and Seniors, second semester, three hours.

**11. The Philosophy of the Christian Religion.**

Elective for Juniors and Seniors, first semester, three hours.

**6. The Psychology of Religion.**

Elective for Juniors and Seniors, second semester, three hours.

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**EXTENSION COURSES IN RELIGIOUS EDUCATION**

PROFESSOR VARTANIAN

The aim in extension work of the Department of Religious Education is to make possible for those unable to attend the College an opportunity for scientific, direct, systematic and comprehensive study of the Bible and Christian Fundamentals under the direction of heads of the Department. Special printed directions are given for the study of passages in each course.

The courses are designed for those who desire to do effective Christian service and meet the needs of the following:

1. High school boys and girls.
2. Sunday school teachers and superintendents.
3. Bible teachers.
4. Pastors' assistants.
5. Y. M. and Y. W. C. A. workers.
6. Religious workers among boys and girls.
7. Christian men and women.

(See Departments of Bible and Religious Education for description of courses.)

**1. Gospel by Mark.**

High school course.

The aim of this is to develop the theme: Christ, the mighty Captain, all through the Gospel. It emphasizes the manly characteristics of Christ and sets Him before the students as the great ideal for life.

**2. The Life of Christ.**

First year, first and second semester. 1 hour each.  
Adult course.

**3. The Life and Times of Paul.**

Second year, first and second semester, 1 hour each.  
Adult course.

**4. Old Testament History.**

Third year, first and second semester, 1 hour each.  
Adult course.

**5. Methods of Teaching.**

Fourth year, first semester. 1 hour.  
Adult course.

**6. Child Study.**

Fourth year, second semester. 1 hour.  
Adult course.

**7. Missions.**

First semester. 1 hour.  
Adult course.

**8. Five Great Religions Compared.**

Second semester. 1 hour.  
Adult course.

**9. Fundamentals of Christian Religion.**

First and second semester. 1 hour each.  
Adult course.

## Work Preparatory to Professional and Technical Courses

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Many young men are looking forward to courses in the various technical and professional fields. It is frequently of substantial advantage to the student to take at least part of this work in the small Christian college rather than in the university. Parsons College is well prepared in courses and equipment to fit young men for medical and law schools by giving them the two years of college work usually required. From one to two years of the various engineering and scientific courses can be taken under excellent instruction at Parsons. Correspondence in regard to beginning your work here and completing it at the university is solicited. Below is given an arrangement with the State University whereby five years of work divided between the two institutions will give a degree in each.

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### OUTLINE OF A COURSE OF STUDY TO BE GIVEN JOINTLY BY COLLEGES OF LIBERAL ARTS AND THE COLLEGE OF APPLIED SCIENCE LEADING TO AN ARTS DEGREE AND A DEGREE IN ENGINEERING

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#### First Three Years to Be Given in College of Liberal Arts

Prescribed:	Hours
Mathematics, including differential and integral calculus....	20
Physics .....	12
Chemistry, including qualitative analysis .....	10
English .....	10
French or German .....	6-16
Engineering drawing .....	5
Surveying .....	3
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Total.....	66-76
Electives .....	14-20
<hr/>	
Total.....	80-96

Note 1. Students who enter with two years of preparatory French or German and who elect the same language in college will be required to elect 6 hours. Students without previous preparation will be required to elect 16 hours. Students who elect either language in which they have some preparation but less or more than two years will be required to elect as many hours as the head of the language department concerned may determine.

Note 2. Recommended elective subjects:

Extra modern language.  
History.  
Government.  
Mineralogy.  
Economic geology.  
Metallurgy.  
Economics.  
Botany (Timber Technology).  
Chemistry (Quantitative analysis).

#### Fourth Year to Be Given in the College of Applied Science

(The credits earned to be allowed in the College of Liberal Arts toward an appropriate degree, preferably Bachelor of Arts.)

Prescribed:	Hours
Analytic mechanics .....	5
Hydraulics .....	4
Mechanics of materials .....	5
Descriptive geometry .....	5
Electricity .....	6
Electives selected with approval of Dean .....	9
<b>Total.....</b>	<b>34</b>

Note: It is understood that the electives during the four years must be so chosen as to satisfy the particular requirements of whatever college is to give the liberal arts degree at the end of the fourth year.

It is understood also that transpositions of required subjects of the first three and fourth years may be made to meet the convenience of requirements of colleges of Liberal Arts. Correspond-



ence concerning such transpositions should be had with the Dean of the College of Applied Science.

### Fifth Year to Be Given in the College of Applied Science

At its conclusion the graduate is to receive the degree of Bachelor of Engineering.

Prescribed:	Hours
Shopwork .....	5
Stresses in framed structures .....	5
Electrical Engineering .....	6
Kinematics and elementary machine design .....	6
Steam and other heat engines .....	5
Electives selected with the approval of the Dean .....	7
Total .....	34

Note: Colleges fully prepared to give the entire prescribed work of the four years may do so and the College of Applied Science will receive for the work of the fifth year those graduates from such colleges who have covered the prescribed work and approved electives of the four years. A sixth year of specialized work to be selected by the student with the approval of the dean and the head of the department concerned will lead to a professional degree.

## **Summer School**

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After careful consideration, a decision has been reached to introduce summer school work as a regular feature at Parsons College. This work is being introduced or rather re-introduced in order to meet the needs of the following classes:

1. Those who are irregular in their work because of the War or for other reasons:
2. Those who wish to complete their College work in three years.
3. Those college students or college graduates who wish to specialize in the Department of Education.
4. Those high school students who find themselves irregular in their work.
5. Prospective teachers who need the twelve weeks of Normal Training required by law.
6. Teachers who wish to add to their educational equipment in order to advance in their profession.
7. Those who are interested in increasing their efficiency in the Department of Music.

### **Character of Work Offered**

Work will be arranged for all the classes listed above. Courses will be offered in practically all College Departments. High School Courses will be adjusted to meet the needs of students. In Normal Training, all the Common Branches will be offered, the special courses required by Iowa law and other courses adapted to the needs of Iowa teachers.

### **Faculty**

So far as possible, the regular faculty of the College will be retained. Other teachers will be added to care for the special courses for teachers.

For bulletin of complete information in regard to the Summer School, those interested should write the President or Dean.

## Correspondence Department

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Owing to the unusual conditions prevailing this year, it was decided to introduce work by correspondence at Parsons. Many young people, who would ordinarily be in College, are engaged in teaching, filling positions in the industrial world or otherwise supplying the need created by the war. It was thought probable that some of these would have sufficient leisure time to justify them in undertaking some systematic work of an academic nature which would advance them toward their ultimate graduation from College. A number of young people are already enrolled in this department. Each of the courses is of College grade and is carefully supervised by the instructor in charge. The work will compare favorably in quality with that done in the classroom. The following courses are now ready: History of Education (two courses), The Short Story, History of Pedagogy and Mathematics, American History, American Government, French (six courses), Greek Civilization, Greek (beginning), Latin (beginning), Sociology, Bible (three courses).

# **The Conservatory**

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The purpose of this school is to prepare those who pursue the study of music as a part of their general education or with the thought of making it their profession, with a technical and theoretical equipment so complete that there will be constant progress for all who faithfully apply the principles taught.

## **CLASSIFICATION OF STUDENTS**

Students are registered under one of the following classifications:

### **I. Regular Course Students**

(a). Candidates for a Degree or a Diploma. Three courses are offered, leading to the degree of Bachelor of Music and Diploma of Graduate in Music and Diploma in Public School Music. Note entrance requirements below.

(b). Students who cannot meet the entrance requirements of the above courses, but who show sufficient musical ability and experience to carry the prescribed work will be granted a certificate of Musical Proficiency upon completion of the four year course.

(c). Students who successfully complete the six grades in either piano, voice, organ or violin, present twenty credits in Theory of Music, and give a satisfactory public recital, will be granted a Soloist's Diploma.

### **II. Special Students**

(a). Students who carry less than regular work.

(b). Students over sixteen years of age who confine their work to private lessons in Practical Music.

### III. Preparatory Students

(a). All students under sixteen years of age.

#### Entrance Requirements

Students entering the courses leading to the degree of Bachelor of Music, or the Diploma of Graduate in Music or the Diploma in Public School Music must meet the college entrance requirements as indicated on page 41.

#### College Credits Allowed for Work in the Conservatory

Students who are candidates for the A. B., B. S., or Ph. B. degrees and at the same time expect to complete any of the courses in music will be allowed twelve credits for the required studies of Harmony 3(b), History of Music 4(b), Form and Analysis 8.

#### Bachelor of Music Course

The following four years' course for the degree of Bachelor of Music will meet the needs of students desiring to specialize in music and at the same time secure some college work.

#### Freshman Year

	Hours per wk.	Credits for the yr.
1(a) Ear Training, Dictation and Key Board		
Harmony .....	1	2
2 Sight Singing and Rudiments of Music .....	1	0
3(a) Harmony .....	2	4
4(a) History of Music .....	2	4
Practical Music .....	2	8
English .....	3	6
Language .....	4	8
		<hr/>
		32

Physical Training.

Recitals, Ensemble and Concerts.

**Sophomore Year**

1(b)	Ear Training and Dictation and Key Board		
	Harmony .....	1	2
5	Musical Appreciation (One semester only)....	1	0
3(b)	Harmony .....	2	4
4(b)	History of Music .....	2	4
	Practical Music .....	2	8
	English .....	3	6
	Language .....	3	6
			—
			30

Physical Training.

Recitals and Ensemble.

**Junior Year**

6	Counterpoint .....	3	6
7	Instrumentation and Orchestration .....	1	2
8	Form and Analysis .....	2	4
	Practical Major .....	2	8
	Practical Minor .....	2	4
	College Elective.....	3	6
			—
			30

Recitations and Ensemble.

**Senior Year**

9	Vocal Composition, one semester .....	2	2
10	Instrumental Composition, one semester .....	2	2
	Practical Major .....	2	8
	Practical Minor .....	2	4
	Graduation Recital .....	0	4
	College Elective.....	3	6
	Bible .....	1	2
			—
			28

Assigned Reading.

Note—A detailed description of the above subjects may be found on pages 100-105.



It will be observed that 40 hours of academic work and 80 hours of work in the Department of Music are required for the Bachelor of Music Degree. Of the academic work, 6 hours must be English; 2 hours Bible; 11 or 14 hours Foreign Language, depending on the amount offered at entrance. Students entering with less than two years of Foreign Language must take 14 hours, otherwise, 11 hours. The remaining hours are elective except that the student must so arrange his work as to have at least one major of three years' work in some one department.

All regular course students are required to take one year of Sight Singing, one semester of Musical Appreciation and two years of Physical Training.

Students who complete the Bachelor of Music course must write a Thesis upon subject assigned.

Piano students must do at least nine weeks Ensemble playing each year.

Vocal students are required to become active members of the Oratorio Society or Glee Clubs.

### **Graduate in Music**

A student completing all the required music work in the Bachelor of Music course and giving a satisfactory Public Recital will be granted the Diploma of Graduate in Music. See entrance requirements.

### **Public School Music**

The demand for competent men and women thoroughly qualified for the important work of supervising and teaching music in the public schools has made necessary the establishment of schools of method, where complete and comprehensive knowledge of the subject may be gained.

**First Year**

	Hours per wk.	Credits for the yr.
1(a) Ear Training, Dictation, and Key Board		
Harmony .....	1	2
2 Sight Singing and Rudiments of Music .....	1	0
3(a) Harmony .....	2	4
4(a) History of Music .....	2	4
Voice .....	2	8
11(a) Public School Methods .....	2	4
		—
		22

Physical Training.

Recitals and Oratorio Society.

College Study (Optional).

**Second Year**

1(b) Ear Training and Dictation and Key Board		
Harmony .....	1	2
5 Musical Appreciation (One semester only)....	1	0
3(b) Harmony .....	2	4
4(a) History of Music .....	2	4
11(b) Public School Methods .....	2	4
Voice .....	2	4
Psychology .....	3	6
		—
		24

Physical Training.

Assigned Reading, Conducting and Practice Teaching.

Recitals and Oratorio Society.

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**DESCRIPTION OF THEORY SUBJECTS**


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**Ear Training, Dictation and Key Board Harmony**

1(a). Students are taught to recognize the Major and Minor scales, intervals, triads, and dominant sevenths in all forms.

Melodic and rhythmic dictation within the key.

Students are to play triads and dominant sevenths in all forms.

1 hour course, through the year.

**1(b).** Continuation of Course 1(a). The recognition of simple modulations, leading tone, and secondary sevenths, non-harmonic tones.

Various forms of cadences, chord progressions.

Dictation involving chromatic tones, more remote modulations and rhythmic effects.

The playing and resolving of the diminished seventh, the augmented sixth, modulating key circle sequences, and modulation to all keys.

## SIGHT SINGING AND RUDIMENTS OF MUSIC

**2.** The class is given drill in scale and interval singing, all important musical terms, simple and compound measure and part singing. Required of all students whether vocal or instrumental. No grade given until work is completed.

1 hour course, through the year.

## HARMONY

**3(a).** First Semester—Scales, intervals, triads and inversions, dominants sevenths and inversions, in Major and Minor keys.

Second Semester—Four part writing, chord relationships, melody writing, harmonization of melodies and figured basis.

2 hour course, through the year.

**3(b).** Continuation off Course 3(a).

Two, three and four part writing using the dominant seventh with regular and irregular resolutions, diminished and secondary sevenths, unprepared and unresolved dissonances.

2 hour course, through the year.

Text-book: Foote and Spaulding's Modern Harmony.

## HISTORY OF MUSIC

**4(a).** The first year covers in outline the whole subject.

2 hour course, through the year.

Text-book: Outline Studies of Musical History—Hamilton.

**4(b).** The second year covers in detail all the periods of musical history, using much music of the composers of each period by way of illustration and contrast.

2 hour course, through the year.

Text-book: "History of Music", Waldo S. Pratt.

### MUSICAL APPRECIATION

**5.** A course covering the art of music as a whole, illustrated by the Victrola. The best music is brought before the student and discussed with reference to style, form and nationality.

1 hour course, through one semester.

#### **6. Counterpoint, Canon and Fugue.**

Counterpoint in the various species in two, three and four parts. Free harmonization of florid melodies as "canti firmi."

Bach's inventions will be reviewed. The student will be required to write an original invention as well as a two-part canon and fugue. The three and four-part fugue will be studied. Bach's well tempored clavichord will be analyzed.

Three hour course, through the year.

#### **7. Instrumentation and Orchestration.**

A thorough study is made of each instrument in the orchestra and its combination with other instruments.

Simple four part songs, melodies with accompaniment and sonatas are arranged for different combinations of instruments and full orchestra.

1 hour course, through the year.

#### **8. Form and Analysis.**

Chord reading. Bach's inventions. Primary forms. Song and Aria forms. Minuets, marches, Scherzos, rondos, themes and variations. Then sonata form. Sonata as a whole. Preludes and fugues.

Prerequisite: Advanced Harmony.

2 hour course, through the year.

## COMPOSITION

### 9. Vocal Composition (Twice a week for the first semester.)

Exercises in the application of both poetry and prose to musical forms. Hymn tunes, duets, trios, quartets and part songs with accompaniments will be written.

### 10. Instrumental Composition (Twice a week for the second semester).

Piano pieces including the minuet, march, theme and variations, waltz, and sonata. The student will present original work in all the forms studied.

## PUBLIC SCHOOL METHODS

11(a). A thorough course in the material of the kindergarten, primary and intermediate grades. Practice teaching and conducting in the class room.

11(b). The high school music teacher, qualifications, material, methods, conducting, chorus and orchestra.

The music supervisor and special music teacher.

Assigned reading and practice teaching.

## ENSEMBLE

Concerted playing and singing is one of the most useful experiences a student can have. It develops a student's ability to read at sight and improves his general musicianship along all lines.

Students majoring in piano are drilled in duet and quartette piano playing, using overtures, symphonies of the classical and modern school.

Students are required to do a year of ensemble playing during their four year course. This is divided into four divisions of nine weeks each.

## PIANO

Special attention is given to even rhythm, correct fingering and proper touch in the first two grades and the development of tone,

technique, interpretation and the acquiring of a repertoire throughout the course.

Compositions selected from the classics and best modern writers are taught. Beginning with about the third grade the strengthening of the fingers and wrist, and the working out of the hand to fit the various positions on the keyboard, is continuously developed.

### ORGAN

This course begins with exercises for pedal technique. Allen's Pedal Studies; Dudley Buck's Studies for Pedal Technique and Exercises by Widor for Pedals are used. Organ Works by Bach, Mendelssohn and the best of modern composers are studied.

### VOICE

The course of study is broad and comprehensive, embracing the following: Voice training, implying principles of breathing as applied to tone production and art of vocalization; voice placing and development of tone. The vowels and consonants are studied with special attention to pure diction.

### VIOLIN-VIOLIN CELLO

This course is divided into six grades, commencing with the correct manner of holding the instrument and bow, and the production of a smooth, round and full tone. Studies in the different kinds of bowing, finger exercises, etc. Composition from the classic and modern composers.

### EQUIPMENT

The Conservatory has a three-manual electric action Austin pipe organ and a grand piano in Barhydt chapel for recital and practice purposes. Also five studio and practice rooms in Ewing Hall and a town studio for the convenience of local patrons.

The library contains ample books for reference, biography, history and general knowledge in music.

The city library has a large collection of literary works in music which are available for the student.



## MUSICAL ORGANIZATIONS

The organizations of the Conservatory play a large and important part in the life of Parsons College.

The Fairfield Oratorio Society is composed of students of the college and residents of the city who can qualify for membership. Its purpose is to create interest in music by presenting the standard choral works of the best composers. The Messiah, Creation, Hiawatha's Wedding Feast, Pirates of Penzance, The Banner of St. George, and selections from Oratorio and Grand Opera have been given.

This society has made an enviable record the past few years. At the Albia and Des Moines Eisteddfods against some of the strongest competition in the state, the society and individuals belonging to it won most of the prizes offered, including the chief choral competition.

The Girls Glee Club, organized this year, is composed of thirty selected voices and gives promise of splendid success.

The Boys Glee Club was discontinued until after peace is declared.

The above organizations are under the direction of Professor Mountain, director of the Conservatory.

## ORCHESTRA

The College Orchestra is composed of students of college and conservatory, under the direction of Mrs. Mertie Pooler Mercer.

## EXPENSES

The charges for tuition for a semester of eighteen weeks are as follows:

### MR. MOORHEAD

Piano—Two 30-minute lessons per week.....	\$36.00
Piano—One 40-minute lesson per week.....	24.00
Organ—Two 30-minute lessons per week.....	36.00
Organ—One 40-minute lesson per week.....	24.00

## MR. MOUNTAIN

Voice—Two 30-minute lessons per week.....	\$36.00
Voice—One 40-minute lesson per week.....	24.00

## MRS. MERCER

Violin—Two 30-minute lessons per week.....	\$27.00
Violin—One 40-minute lesson per week.....	18.00

## MR. KEESEY

## MISS SCHEFFEL

## MISS HASTINGS

Piano—Two 30-minute lessons per week.....	\$18.00
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Students registering for single courses in Theory of Music will pay the following tuition per semester when taken in class:

Harmony .....	\$15.00
History of Music .....	10.00
Ear Training .....	10.00
Counterpoint .....	27.50
Instrumentation .....	15.00
Form and Analysis .....	15.00
Composition .....	18.00
Sight Reading .....	5.00
Musical Appreciation .....	5.00
Public School Methods .....	15.00

The work must be taken privately where there is an insufficient number to form a class. Rates for private lessons in Theory are the same as for practical music.

Students registering as a regular student in the Graduate in Music or Bachelor of Music course will have tuition as follows per semester:

Freshman year .....	\$70.00
Sophomore year .....	70.00
Junior year .....	110.00
Senior year .....	90.00

The Public School Methods course is \$85.00 per semester.

The above rates include all required work in music for the year stated. Students whose musical tuition amounts to \$70.00 for a

semester will be granted the privilege of taking one three hour course in college without extra charge.

Students may register for less than a semester in Practical Music, at the same rate. No student will be registered for less than twelve weeks.

Tuition is payable strictly in advance at the college office. Any arrangement for deferred payments must be made at the office.

No deductions for lessons missed except in cases of illness.

Lessons falling on holidays will not be made up.

### Practice

Piano practice (1 hour daily, per semester).....	\$ 4.50
Piano practice (2 hours daily, per semester).....	7.50
Organ practice (1 hour daily, per semester).....	15.00

### Fees

Incidental fee (payable by all regular course students).....	\$5.00
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### Diplomas and Degrees

Bachelor of Music .....	\$5.00
Graduate in Music .....	5.00
Soloists' Diploma .....	3.00
Public School Music Diploma .....	3.00
Certificate of Musical Proficiency .....	3.00

For further information address Chas. W. Mountain, the Director of the Conservatory.

## Honors Awarded

1918-1919

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THE HORACE B. SILLIMAN SCHOLARSHIP

Roy Nathaniel Nelson

THE GEORGE LINCOLN SEELEY SCHOLARSHIP

Noble Hines

THE ELIZA MATILDA FOSTER SCHOLARSHIP

Agnes Maude Taylor

\*THE FOSTER PRIZES IN DEBATE

THE LOCAL CONTEST FOR THE STATE ORATORICAL  
ASSOCIATION

\*\*Huyett Howard Gaines

THE FRESHMAN ORATORICAL CONTEST

Wilbur Emerson Keesey

\*THE PROHIBITION ORATORICAL CONTEST

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\*No award.

\*\*Appointed to represent the college by the joint action of the Faculty and the Forensic Club. Mr. Gaines was awarded second place in the State Contest.

# Degrees Conferred

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## IN COURSE

### Bachelor of Arts

Dorothy Irene Blake  
Orion Otto Coppock  
Mabel Elizabeth Lundquist  
Alexander Bruce Mellis  
Madelon Anna Peterson  
Katherine Mabel Shelby

### Bachelor of Science

Paul Ogden Ferrell  
Anna Virginia Roth  
Ruth Elaine Taylor

### Bachelor of Philosophy

Ada May Greiner  
Grace Ethyl Kemp  
Laura Light  
Loretta Blossom McKee  
Calvin Loren Scovel  
Nellie Alta Scovel  
Margaret Curme Wirtz  
Gladys Rebecca Workman

## DIPLOMAS IN MUSIC

### Soloist's Diploma

Henrietta Hastings  
Margaret White

**HONORARY DEGREES****Doctor of Divinity**

Wilbur Ruth Keeseey

William Abram Mast

Lloyd Calvin Walter

**Doctor of Literature**

Mary Leal Harkness



# Register of Students

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## SENIORS

Name	Major Group	Address
Coppock, Ollive Ozora .....	Mathematics .....	Fairfield
*Covert, Brainerd Newell .....	History and Economics.....	Montrose
Davis, Ada Ruth .....	Mathematics .....	Fairfield
**Flinspach, Wesley Wade .....	Biology .....	Fairfield
**Frank, Harry Raymond .....	History and Economics.....	Ottumwa
*Gaines, Huyett Howard .....	History and Economics.....	Fairfield
**Gallaher, Benjamin Louis .....	History and Economics.....	Mediapolis
Gearhart, Martha .....	English .....	Batavia
Green, Eunice Amelia .....	Biology .....	Middletown
*Hines, Noble .....	Chemistry .....	Milo
Humphrey, Anna Cecile .....	English .....	Fairfield
Huston, Rose Elizabeth .....	English .....	Corning
Johnson, Marie Bertha .....	English .....	Mt. Union
**McClure, William Evans .....	Hist. and Econom.....	Bangkok, Siam
McMican, Claude Franklin.....	English .....	Fairfield
Miller, Mary Bethel .....	English .....	Anderson
Stevenson, Gertrude Byrl .....	English .....	Fairfield
Steuer, Helen Mildred .....	Mathematics .....	Fairfield

## JUNIORS

Name	Address
Atwood, Evelyn .....	Fairfield
Anderson, George M. ....	Brighton
Bauman, Rachel Elizabeth .....	Birmingham
Bishop, Mildred Elizabeth .....	Fairfield
Fisher, Lena Dell .....	Fairfield

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\*Member Parsons S. A. T. C.

\*\*Returned from Service.

Name	Address
*Gates, John Alexander .....	Leon
Gonterman, Ruth Rebecca .....	Fairfield
Goff, Gladys Iola .....	Ft. Madison
†Kerrick, Mary Louise .....	Fairfield
Krumboltz, Marion .....	East Pleasant Plain
**Krumboltz, Dwight John .....	East Pleasant Plain
**Lyon, William Barkley .....	Fairfield
*Nelson, Roy Nathaniel .....	Fairfield
*Pierce, Harry Robert .....	Winfield
**Raney, Fred McAllister .....	Fairfield
Sharar, Nellie Mary .....	Mediapolis
*Stever, Fred .....	Fairfield
*Tracy, Pierre Alden .....	Brighton
*Young, Charles Shaffer .....	Fairfield

### SOPHOMORES

Name	Address
Alden, Edna Christine .....	Keokuk
Anderson, Flora Eva .....	Birmingham
Brady, Clarence Emmet .....	Fairfield
*Brawner, Galen S. ....	Fairfield
Case, Marguerite Pauline .....	Rochester, Minn.
Cassel, Ethelyn Louise .....	Fairfield
*Ferree, Harold .....	Oskaloosa
Gibbs, Nell .....	Allerton
Gormly, Helen Lucile .....	Fairfield
Heflin, Gail .....	Fairfield
Helfenstein, Lucille Caroline .....	Dallas Center
*Hooker, Raymond William .....	Lucas
Horton, Florence .....	Brighton
Israel, Robert Henry .....	Fairfield
*Ivins, Ralph .....	Leon
*Kast, Donald Heydt .....	Fairfield

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\*Member Parsons S. A. T. C.

\*\*Returned from Service.

†Deceased.

Name	Address
Kearns, Mary Lorene .....	Fairfield
*Keeseey, Wilbur Emerson .....	Mt. Pleasant
Larson, Mildred Helen .....	Sheldon, N. Dak.
Maasdam, Elizabeth Louise .....	Fairfield
Montgomery, Edward Wilkerson .....	Fairfield
*Moore, Harry Eugene .....	Omaha, Nebr.
*Naffziger, William John .....	New Sharon
Oehlman, Mary Louise .....	Derby
*Patrick, Lowell Ensign .....	Emerson
Prentice, Lucy Hortense .....	Pipestone, Minn.
Roth, Claribel Elizabeth .....	Fairfield
Scothorn, Charlotte Prowell .....	Fairfield
Scothorn, Marion Kennison .....	Fairfield
*Shott, George Compton .....	Birmingham
Spalding, Leland L. ....	Osceola, Nebr.
*Smith, Phillip Hamblin .....	Sharpsburg
Snyder, Margaret Louise .....	Fairfield
Underwood, Edith May .....	Fairfield
Walker, Bernice Nellie .....	Fairfield
Williams, Ferne .....	Fairfield
**Willson, Armour McKibben .....	Oakville
*Wilson, Harold Nels .....	Nodaway

## FRESHMEN

Name	Address
Adkisson, Feryl Angeline .....	Libertyville
*Allen, William Boyd .....	Chariton
*Anderson, John William .....	Avery
*Ball, Lawrence V. ....	Centerville
Begeman, Vivian .....	Burlington
*Bell, John G. ....	Keokuk
*Bennett, Van Nelson .....	Cantril
*Blosser, Albert Ray .....	Fairfield
Bradshaw, Carroll Wilson .....	Fairfield
*Brown, Edmund Lewis .....	Fairfield

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\*Member Parsons S. A. T. C.

\*\*Returned from Service.

Name	Address
*Brown, Ralph M. ....	Fairfield
*Burkey, Howard S. ....	Salem
Caldwell, Dora Eleanor .....	Muscatine
*Case, Louis Arthur .....	Washington
*Casady, Beryl Burnard .....	Cantril
*Clark, Roy L. ....	Chariton
Conlee, Robert H. ....	Fairfield
*Conrad, Gail .....	Brighton
Copeland, Enid .....	Nodaway
*Crail, Richard .....	Fairfield
*Craven, Paul .....	Milton
*Crone, Theodore .....	Washington
Cuddy, William Milton .....	Fairfield
*Cummings, Floyd Dewey .....	Ottumwa
*Currier, Elmer Leslie .....	Chariton
*Curtis, George .....	Chariton
Dannies, Clara Dorothy .....	Burlington
*Dickey, Raymond Bernard .....	Keokuk
*Dickinson, Willard Harry .....	East Pleasant Plain
Duke, Maye Alberta .....	Fairfield
Forney, Marjorie Helen .....	Batavia
*Foster, George Curtis .....	Letts
Fry, Elizabeth Ellis .....	Fairfield
*Fulton, J. Warren .....	Batavia
*Gageby, Paul Alonzo .....	Chicago
*Gaines, Richard W. ....	Fairfield
*Graber, Harold Elwood .....	Stockport
*Harlan, Otto .....	Stockport
*Henderson, Gerald .....	Chariton
*Hinshaw, William Warren .....	Richland
Hitch, Emily Idella .....	Ft. Madison
*Holmes, George Dewey .....	Richland
Howell, Elizabeth Adeline .....	Keokuk
*Jaques, William Eugene .....	Ottumwa
Jenks, Helen Lee .....	Fairfield
*Jolliff, Lysle Sanford .....	Chariton
*Kemp, Dewey Walter .....	Oskaloosa

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\*Member Parsons S. A. T. C.

Name	Address
*Kitterman, Hessel D. ....	Hedrick
*Knapp, Floyd .....	Allerton
*Koontz, William .....	Ottumwa
*Larson, Floyd Wayne .....	Fairfield
*Layman, Lloyd Leroy .....	Libertyville
*Levis, Ronald Everett .....	Allerton
*Lewis, Robert Everett .....	Fairfield
*Long, Edward Ray .....	Hedrick
*†Lord, Sylves .....	Ainsworth
*Lyman, Edward Ellis .....	Chariton
*McCanan, Ralph .....	Chariton
McCleary, Grace Elizabeth .....	Libertyville
*McCreery, Jesse Raymond .....	Ottumwa
*McCurdy, Wilbur Earl .....	Oskaloosa
*†McLeland, George G. ....	Cantril
Manns, Cecil Florence .....	Ottumwa
*Marsolf, Harold Edward .....	Leon
*Meier, Clyde Bennett .....	Hedrick
*Messerschmidt, Glenn .....	Hedrick
*Miller, Joe .....	Milton
*Monfort, Harbert .....	Fairfield
*Morris, Edgar Henry .....	Stockport
*Murphy, Thomas .....	Diamond
Murphy, Helen Louise .....	Fairfield
Myers, Osa Florence .....	Packwood
*Norris, William Nelson .....	Birmingham
*Paisley, Clinton Robert .....	Winfield
*Parish, Frederick Calvin .....	Leon
*Parks, Floyd .....	Packwood
*Penick, William Calvin .....	Chariton
*Piper, John .....	Chariton
*Ritchie, Roland Glenn .....	Fairfield
*†Roberts, Everett .....	Rolland, N. D.
*Roberts, Leslie Dewey .....	Lawrence, Kans.
*Robison, Herman Jenkins .....	Derby

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\*Member Parsons S. A. T. C.

†Deceased.

Name	Address
*Samuelson, Grant Dewey .....	Packwood
Scovel, Mildred Elzada .....	Fairfield
*Seaburg, Earl LeRoy .....	Ottumwa
*Sheesley, John Roy .....	Tingley
*Shott, Ralph Nelson .....	Birmingham
Smith, Eloise Blair .....	Fairfield
*Smith, Dwight L. ....	Purdy
*Smith, Harry Alexander .....	Birmingham
*Spessard, Charles Milburn .....	Ainsworth
*Starr, Floyd Edwin .....	Chariton
Stevenson, Donovan W. ....	Centerville
*Stevenson, Donald Walter .....	Fairfield
*Stewart, Clayton Bentley .....	Chariton
Stites, Leroy .....	Centerville
*Stuart, George Corwin .....	Chariton
*Sweet, Keith .....	Brighton
*†Syfert, Leo Clayton .....	Birmingham
*Taylor, Maurice Shearer .....	Emerson
*Tigue, John Robert .....	Keokuk
*Turner, Alvan Meredith .....	Keokuk
*Underwood, Judson Kemp .....	Fairfield
Vedder, Mary Harriette .....	Crow Agency, Mont.
*Wells, Lester .....	Cantril
*Wells, Harold C. ....	Cantril
Wheaton, Blanche Marie .....	Ottumwa
*White, Donald .....	Ainsworth
Whitmore, Della Madeline .....	Fairfield
Wildman, Bernice Bertha .....	Keokuk
*Willett, Clyde .....	Nodaway
*Williams, LaMonte M. ....	Libertyville
Winn, Helen Gertrude .....	Fairfield
Wisecarver, Zaida Ann .....	Fairfield
*Wright, Ralph Austin .....	Keokuk
Workman, Wilda Kathleen .....	Fairfield
Young, Grace Elizabeth .....	Fairfield
Zeigler, Ariel Bowers .....	Fairfield

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\*Member Parsons S. A. T. C.

†Deceased.



**SPECIALS**

Name	Address
Callahan, Claude C. ....	Baring, Mo.
Catlin, Jennie E. ....	Fairfield
David, Pera George ....	Urumia, Persia
**Fourt, Arthur ....	Fairfield
*Kierulff, Harvey Edward ....	Osceola
Kuhns, Lawrence E. ....	Fairfield
Light, Florence ....	Fairfield
Marsolf, Mrs. E. M. ....	Leon
Rooves, Helen Lusk ....	Keokuk
Rakow, Anna M. ....	Fairfield
Sharp, Margaret Elizabeth ....	Ottumwa
Thalgott, Joyce Ethlean ....	Fairfield
Whitely, Nellie Linder ....	Fairfield

**PRIVATE PUPILS IN EXPRESSION**

Name	Address
Corrick, Helen Bernice ....	Ottumwa
Marsolf, Mrs. E. M. ....	Leon
Talley, Dorothy ....	Fairfield

**CONSERVATORY**

Name	Address
Adkisson, Feryl Angelene ....	Libertyville,
Anderson, Eva ....	Birmingham
Anderson, Gladys ....	Fairfield
Apfel, Ida Lillian ....	Fairfield
Atwood, Evelyn ....	Fairfield
Ball, Harold ....	Fairfield
Ball, John ....	Fairfield
Barley, Irene Florence ....	Fairfield
Barnes, Lois ....	Fairfield
Begeman, Vivian Mildres ....	Burlington
Bock, Elizabeth ....	Fairfield

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\*Member Parsons S. A. T. C.

\*\*Returned from Service.

Name	Address
Brady, Kathryn Emeline .....	Fairfield
Bridges, Katherine .....	Fairfield
Bridges, Margaret .....	Fairfield
Brown, Alice .....	Fairfield
Brown, Katheryn Mae .....	Fairfield
Caldwell, Dora .....	Muscatine
Case, Pauline .....	Rochester, Minn.
Cassel, Catherine .....	Fairfield
Clarke, Mrs. Grace .....	Fairfield
Clinkenbeard, Margaret .....	Fairfield
Conlee, Robert .....	Fairfield
Collins, Quinlin Kenneth .....	Fairfield
Conrad, Monica .....	Fairfield
Corrick, Bernice .....	Ottumwa
Courtney, Thorah Lenore .....	New London
Cuddy, William .....	Fairfield
Culp, Raymond .....	Fairfield
Dannies ,Clara Dorothy .....	Burlington
Davis, Katherine .....	Fairfield
Davis, Lizzie .....	Fairfield
Dermitt, Christine .....	Fairfield
Dickinson, Willard H. ....	Pleasant Plain
Dorin, Ethel Van .....	Fairfield
Douglas, Lucile .....	Fairfield
Droz, Irma .....	Fairfield
Droz, John Francis .....	Fairfield
Dulaney, Zella .....	Fairfield
Fickel, Emery .....	Fairfield
Forney, Helen Mildred .....	Fairfield
Forney, Marie Ethel .....	Fairfield
Frank ,Earnest .....	Fairfield
Freshwater, Elsie .....	Fairfield
Fulton, Katherine Eliza .....	Fairfield
Fulton, Susan Elizabeth .....	Fairfield
Gantz, Marie .....	Fairfield
Gardner, Maye Belle .....	Fairfield
Gardner, Eliza Jane .....	Pleasant Plain
Gates, John Alexander .....	Leon
Gaumer, Viloma .....	Fairfield

Name	Address
Gavin, Florence Frances Josephine .....	Fairfield
Gavin, Gertrude .....	Fairfield
Gavin, Ruth .....	Fairfield
Gibbs, Nell .....	Allerton
Goff, Gladys Iola .....	Ft. Madison
Gonterman, Rebecca Ruth .....	Fairfield
Goodell, Letha .....	Fairfield
Gormley, Helen Lucile .....	Fairfield
Graham, Arthur Wesley .....	Fairfield
Guyer, Max Hendricks .....	Fairfield
Hagedorn, Nellie .....	Fairfield
Hendrick, Wilhelmina .....	Eldon
Hansen, Elizabeth Anna .....	Fairfield
Hansen, Winnetka Gertrude .....	Fairfield
Harrison, Mabel .....	Eldon
Hartman, Margaret Lulu .....	Fairfield
Hastings, Henrietta .....	Eldon
Henderson, Dorothy .....	Eldon
Henderson, Harry .....	Eldon
Hickenbottom, Ada Diana .....	Lockridge
Hickenbottom, Dorothy Vernon .....	Fairfield
Hizel, Velma Grancis .....	Fairfield
Horton, Gladys Cleo .....	Fairfield
Howell, Elizabeth Adeline .....	Keokuk
Hunt, Mrs. Elizabeth .....	Fairfield
Hunter, Katherine .....	Fairfield
Huston, Rose Elizabeth .....	Corning
Hyde, Mrs. Myrtle .....	Fairfield
Ireland, Florence Elizabeth .....	Fairfield
Israel, Harry Fred .....	Fairfield
Israel, Hugh .....	Fairfield
Israel, Robert .....	Fairfield
Jericho, Elizabeth Louise .....	Fairfield
Johansmiur, Evelyn Marie .....	Fairfield
Johnson, Lester Claire .....	Fairfield
Jones, Bertha .....	Fairfield
Jones, Bessie Royeta .....	Fairfield
Jones, Florence Carrie .....	Fairfield
Jones, Mrs. ....	Fairfield

Name	Address
Kearns, Mary Lorene .....	Fairfield
Keesey, Wilbur Emerson .....	Mt. Pleasant
Keltner, Harry .....	Fairfield
Kemp, Bessie Mae .....	Fairfield
Kerrick, Mary Louise .....	Fairfield
Kreigh, Evelyn .....	Fairfield
Krumboltz, Maybelle .....	Fairfield
Krumboltz, Miriam .....	Fairfield
Larson, Mildred Helen .....	Fairfield
Liblin, LaRue .....	Fairfield
Liblin, LaRue Fern .....	Fairfield
Loehr, Agnes Eliza .....	Fairfield
Louden, Mary Kathryn .....	Fairfield
Louden, Robert William .....	Fairfield
Luideen, Madeline Beatrice .....	Fairfield
McClain, Gladys Lema .....	Fairfield
McClain, Glenn .....	Fairfield
McClain, Katheryn Lucille .....	Fairfield
McCleary, Grace Elizabeth .....	Libertyville
McElderry, Chester Arthur .....	Fairfield
McGregor, Katherine .....	Eldon
McKee, Elizabeth Nancy .....	Fairfield
McLane, Clifford Israel .....	Fairfield
McLaughlin, Frederick .....	Fairfield
McLaughlin, Henry Patrick .....	Fairfield
Maasdam, Elizabeth Louise .....	Fairfield
Marsolf, Edward Harold .....	Leon
Messer, Margaret Louise .....	Fairfield
Miller, Agnes .....	Fairfield
Miller, Vernice .....	Fairfield
Mineart, Emma Gertrude .....	Pleasant Plain
Montgomery, Edward Wilkerson .....	Fairfield
Montgomery, Josephine .....	Fairfield
Montgomery, Kathleen .....	Fairfield
Montgomery, Lydia .....	Fairfield
Montgomery, Cary Camille .....	Fairfield
Moore, Virginia .....	Eldon
Moorhead, Elizabeth Helen .....	Fairfield
Murphy, Teresa .....	Fairfield

Name	Address
Myers, Osa Florence .....	Packwood
Nady, Leona Fern .....	Fairfield
Noll, Mrs. Elmer .....	Eldon
Nell, Vergie .....	Eldon
Oelman, Mary Louise .....	Derby
Parcell, Mildred .....	Fairfield
Parks, Ruth Elizabeth .....	Fairfield
Parsons, Lucile Laura .....	Fairfield
Parsons, Milford Anthony .....	Fairfield
Pierson, Margaret .....	Eldon
Poner, Ruth .....	Fairfield
Potts, Duane .....	Eldon
Radley, Walter .....	Fairfield
Rhynas, Mildred .....	Stockport
Rider, Camilla Grace .....	Fairfield
Rives, Margaret .....	Litchfield, Ill.
Rohrer, Florence Gertrude .....	Fairfield
Routson, Lawrinie Joy .....	Fairfield
Saner, Hazel Kathryn .....	Fairfield
Scothorn, Marion .....	Fairfield
Shaner, Luther Joy .....	Fairfield
Shaner, Velda Grace .....	Fairfield
Shriner, Rae Elizabeth .....	Fairfield
Simpson, Laura Louise .....	Fairfield
Smith, Ada Ella .....	Fairfield
Smith, Mary Alice .....	Fairfield
Smutz, Kathryn .....	Fairfield
Snyder, Margaret .....	Fairfield
Spalding, Leland .....	Osceola, Nebr.
Stanford, Chester .....	Fairfield
Starr, Io Marie .....	Fairfield
Stevenson, Pauline .....	Fairfield
Stever, Helen Mildred .....	Fairfield
Studky, Ruth Margaret .....	Fairfield
Tally, Dorothy .....	Fairfield
Turney, Katherine Elizabeth .....	Fairfield
Unkrich, Mrs. Geo. .....	Fairfield
Van Dorn, Ferel .....	Fairfield
VanNostrand, Hannah Ball .....	Fairfield

Name	Address
VanNostrand, Martha .....	Fairfield
Walile, Hazel .....	Eldon
Weise, Josephine .....	Eldon
Wheaton, Blanche .....	Batavia
Wheeler, Mildred Jeanette .....	Fairfield
White, Pauline .....	Fairfield
Whitham, Bessie Ellen .....	Fairfield
Whitmore, Gertrude .....	Fairfield
Wicks, Dorothy .....	Eldon
Wilson, Grace Marie .....	Fairfield
Winter, James .....	Fairfield
Woelleaf, Juanita .....	Fairfield
Wood, Patience Elnore .....	Fairfield
Young, Grace Elizabeth .....	Fairfield
Zeigler, Florence Elizabeth .....	Fairfield
Zeigler, Ruth Erma .....	Fairfield
Zillman, Omer .....	Fairfield



## Summary

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### THE COLLEGE—

Seniors .....	18
Juniors .....	19
Sophomores .....	38
Freshmen .....	118

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193

Specials .....	13
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Total College Students .....	206
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Number inducted into S. A. T. C. ....	109
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THE CONSERVATORY .....	184
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DEPARTMENT OF EXPRESSION .....	3
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Total .....	393
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Names duplicated .....	32
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Net total .....	361
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# An Appeal

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Parsons College now in its forty-fifth year, will graduate its thirty-ninth class in June. Of the five hundred and thirty-one Alumni a large proportion have gone into altruistic callings and are working for the uplift of the race. The College purposes to be an ally of the forces of righteousness, and aims to inspire all its students to go out as helpers. Its history has been one of struggle against poverty and it has been hampered in its progress by lack of funds. It seeks to make possible a first-class education for every boy or girl that wants one. Its work must of necessity be largely for youth of small means, hence its receipts from student sources will be meager. It must, therefore, ever depend upon the good will and generosity of those to whom God has entrusted this world's goods.

The great need is for increased endowment that the purpose of the church in establishing this college may be most fully met, for the equipment of the past will not suffice for the present and future. Below are suggestions of needs which friends will appreciate.

1. Funds for the purchase of apparatus for the departments of Chemistry, Physics, Biology, Experimental Psychology, Astronomy, and for enlarging the Library and Museum are much in demand.

2. The establishment of Professorships. From thirty to thirty-five thousand dollars will do this and place on a permanent basis each department. Such a chair would bear the name of the donor of the endowment and thus become a monument for all time.

3. Contributions from the churches for the current expenses. Here is a way that will mean much, in which all can help.

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## FORM OF BEQUEST

I give and bequeath to Parsons College, situated in Fairfield, Jefferson County, Iowa, the sum of .....

Those who desire information in regard to the College will please address:

The President, Parsons College, Fairfield, Iowa.

# **General Alumni Association**

**YEAR 1918-19**

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## **Executive Committee**

Sec'y-Treas., J. WILBUR DOLE, '94.  
EDGAR RUSSELL SMITH, '91.  
HESTER BALL McLEAN, '11.  
FLORENCE ELIZABETH ROTH, '12.  
DAVID BERRYHILL CASSAT, '16.

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## **THE ALUMNI QUARTERLY**

### **Editorial Staff**

CORA ANNA BALL, '95.  
JANE M. STEELE, '85.  
ERCEL FLINSPACH-WHITMER, '11.

### **Business Manager**

DR. JAMES S. GAUMER, '97.

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## **FAIRFIELD ALUMNI ASSOCIATION**

CORA ANNA BALL, '95.  
MRS. J. S. GAUMER, '96.  
EDGAR RUSSELL SMITH, '91.  
Sec'y-Treas., J. WILBUR DOLE, '94.

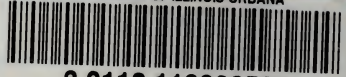
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